

0. Contents

1. Before use	4	7. Aha Radio	30	12. General settings	58
1-1. Safety precaution		7-1. Requirements Aha™		12-1. Adjusting the date	
1-2. Important information		7-2. Listening to the Aha Radio		12-2. Clock & date display type setting	
1-3. Regulatory Compliance		7-3. Basic operations		12-3. Auxiliary input display setting	
2. Appendix	6	7-4. Station search		12-4. Demonstration mode setting	
2-1. Trademarks		7-5. Calling a number in the content		12-5. Initial settings	
3. Basic operations	8	7-6. Aha source control		13. Registering a Bluetooth	62
3-1. Component names		8. Listen to the CD/ Audio file	34	13-1. About the Bluetooth module	
3-2. Preparations		8-1. Playing music		13-2. Registering a Bluetooth device	
3-3. How to select the item		8-2. Music search		13-3. Selecting the Bluetooth device you wish to connect	
3-4. Adjusting the clock		8-3. Skip search		13-4. Deleting a registered Bluetooth device	
3-5. General operations		8-4. Skip search ratio setting		13-5. Bluetooth device registration test	
4. DSP settings	12	8-5. Playback mode		14. Hands-free phoning	66
4-1. Audio control		8-6. Direct music search		14-1. Receiving a call	
4-2. Manual equalizer control		8-7. About the Audio file		14-2. Calling a number in the phone book	
4-3. Car type selection		8-8. About the USB device		14-3. Dialing a number	
4-4. Speaker setting		8-9. About "KENWOOD Music Editor Light" and "KENWOOD Music Control"		14-4. Calling a number in the call log	
4-5. X'Over setting		8-10. About the discs used with this unit		14-6. Registering in the preset dial number list	
4-6. Listening position setting		8-11. Handling discs		14-5. Speed dialing (Preset dial)	
4-7. Delay time control		9. Listen to the tuner	40	14-7. During a call	
4-8. Channel level fine adjustments		9-1. Listening to the radio		14-8. Clearing the disconnection message	
4-9. Resetting of DTA Settings		9-2. Station preset memory		14-9. Voice Control	
4-10. DSP preset		9-3. Auto memory		14-10. Display of phone number types (categories)	
4-11. DSP preset recall		9-4. Recall preset station		15. Bluetooth audio	72
5. Listen to the iPod	20	9-5. Tuner setting		15-1. Before use	
5-1. Models of iPods/iPhones that can be connected to this unit		9-6. Direct access tuning		15-2. Basic operations	
5-2. Playing music		9-7. PTY (Program Type)		15-3. Playback mode	
5-3. Music search		9-8. Frequency step setting		16. Bluetooth settings	74
5-4. Alphabet search		10. Listen to the Digital Radio (KDC-U7056DAB)	46	16-1. Registering the PIN code	
5-5. Direct search		10-1. Listening to the Digital Radio		16-2. Downloading the phone book	
5-6. Skip search		10-2. Service preset memory		16-3. Deleting the phone book	
5-7. Skip search ratio setting		10-3. Recall preset service		16-4. Displaying the firmware version	
5-8. Playback mode		10-4. Service list select		16-5. Switching between two connected cell-phones	
5-9. App & iPod mode setting		10-5. Alphabet Search for service		16-6. Bluetooth detail setting	
6. Pandora® (KDC-U7056DAB/ KDC-U7056BT)	26	10-6. PTY (Program Type)		17. Basic operation of remote control	78
6-1. Requirements Pandora®		10-7. Announcement setup		17-1. Before using remote control	
6-2. Listening to the Pandora®		10-8. Replay		17-2. Basic operation	
6-3. Basic operation		10-9. Digital Radio setting		18. Troubleshooting guide	80
6-4. Station search		10-10. Digital Radio initial settings		18-1. Setting error	
6-5. Bookmark registration		11. Display settings	52	18-2. Operation/wiring error	
6-5. New station registration		11-1. Selecting a display type		18-3. Error messages	
6-7. Deletion of station		11-2. Information display setting			
6-8. Pandora source control		11-3. Illumination color selection			
		11-4. Adjusting the Illumination color			
		11-5. Selecting a text display			
		11-6. Display & Illumination setting			

1. Before use

1-1. Safety precaution

⚠ WARNING

To prevent injuries or a fire, take the following precautions:

- Stop the car before operating the unit.
- To prevent a short circuit, never put or leave any metallic objects (such as coins or metal tools) inside the unit.

⚠ CAUTION

- Adjust the volume so that you can hear the sound outside the car. Driving with the volume too high may cause an accident.
- Wipe off the dirt on the panel with a dry silicon or soft cloth.
Failure to observe this precaution may result in damage to the monitor or unit.
- If you experience problems during installation, consult your Kenwood dealer.

1-2. Important information

Before using the this unit for the first time

This unit is factory-set to operate in the Demonstration mode initially.

When using this unit for the first time, cancel the Demonstration mode. Refer to [<Cancel the Demonstration mode> \(page 9\)](#).

Cleaning the connector

The unit may not function properly if the connectors between the unit and faceplate are dirty. Detach the faceplate and clean the connector with a cotton swab gently, being careful not to damage the connector.

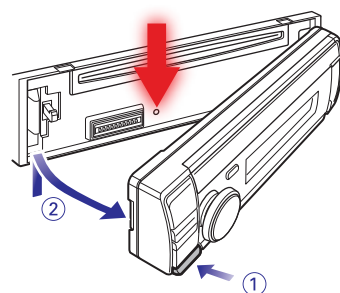


Condensation

When the car is air-conditioned, moisture may collect on the laser lens. This may cause disc read errors. In this case, remove the disc and wait for the moisture to evaporate.

How to reset your unit

If the unit fails to operate properly, press the Reset button. The unit returns to the factory settings when the Reset button is pressed.



Notes

- When you purchase optional accessories, check with your Kenwood dealer to make sure that they can work with your model and in your area.
- Characters that conform to ISO 8859-1 can be displayed.
- To display characters in the following language, additional setting is required.

KDC-U7056DAB KDC-U7056BT

Chinese

Refer to ["Chinese"](#) of [<12-5. Initial settings> \(page](#)

[60\)](#).

KDC-U7056BTL

Arabic

Persian

Thai

Refer to "TAG Language" of [<12-5. Initial settings> \(page 60\)](#).

- The illustrations of the display and panel appearing in this manual are examples used to explain more clearly how the controls are used. Therefore, what appears on the display in the illustrations may differ from what appears on the display on the actual equipment, and some of the images on the display may be inapplicable.

1-3. Regulatory Compliance

The marking of products using lasers

**CLASS 1
LASER PRODUCT**

The label is attached to the chassis/case and says that the component uses laser beams that have been classified as Class 1. It means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit.

2. Appendix

2-1. Trademarks



- The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by JVC KENWOOD Corporation is under license. Other trademarks and trade names are those of their respective owners.



- "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.
- iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
- iTunes and Safari are trademark of Apple Inc.



- PANDORA, the PANDORA logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc., used with permission.



- aha, the Aha logo, and the Aha trade dress are trademarks or registered trademarks of HARMAN International Industries, used with permission.
- Android and Chrome are trademark of Google Inc.



- Internet Explorer and Windows Media are registered trademark of Microsoft Corporation in the United States and other countries.

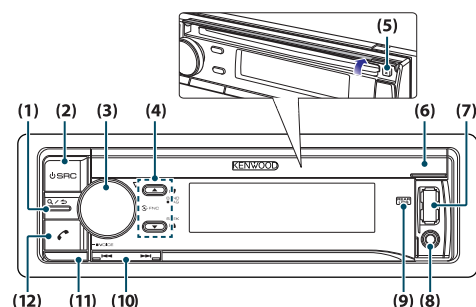


- The "AAC" logo is a trademark of Dolby Laboratories.



3. Basic operations

3-1. Component names



(1) [Q/↵] button

When listening to the iPod, audio file, CD, or radio, press this button to enter the search mode. In each of the selected modes, press the button to return to the previous item.

(2) [SRC] button

Press the button to select the source. Refer to [<Source selection> \(page 10\)](#).

(3) [Control] knob (Volume knob)

In the normal mode, turn the knob to adjust the volume or press the knob to enter the Function setting mode. In the Function mode, turn the knob to select an item or press the knob to determine the selection.

(4) [▲]/[▼] button

Press the button to select an audio file folder or broadcast band, or use it as a Likes/ Dislikes button on Aha etc.

(5) [▲] button

Press the button to eject the disc.

(6) Disc slot cover

When this cover opens upward, the disc insertion slot appears

(7) USB terminal (inside of the cover)

Connect an iPod or USB device.

(8) Auxiliary input (inside of the cover)

Connect the output of an external device using a stereo mini-jack.

(9) REAR USB indicator

When a USB device or iPod is connected to the USB terminal of the rear, this indicator stays lit. During

playback of the connected device, this indicator blinks.

(10) [◀◀/▶▶] button

Press the button to select a song or station.

(11) Release button

Press the button to detach the faceplate.

(12) [⏏] button

Press the button to make, answer, or disconnect a hands-free call.

3-2. Preparations

Cancel the Demonstration mode

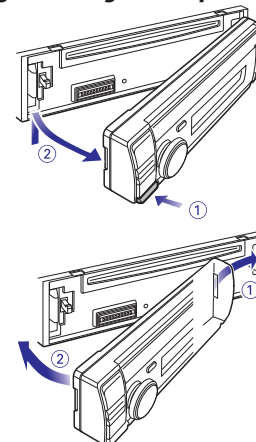
Cancel the Demonstration mode when you use the unit for the first time after installation.

1 Press [Control] knob to cancel the Demonstration mode when the message “To cancel DEMO Press the volume knob” appears (approx. 15 seconds).

2 Turn [Control] knob to select the “YES”, and then press [Control] knob.

The Demonstration mode can also be canceled in the Function Setting mode. Refer to [<12-4. Demonstration mode setting> \(page 59\)](#).

Detaching/ Attaching the faceplate



- Remove the faceplate at once after pressing the Release button; otherwise it can fall down due to vibration.
- The faceplate is a precision component of the unit and can be damaged by shocks or jolts.
- Keep the faceplate in its case while detached.
- Do not place the faceplate (and case) in areas exposed to direct sunlight, excessive heat or humidity. Also avoid places with too much dust or the possibility of water splashing.

3-3. How to select the item

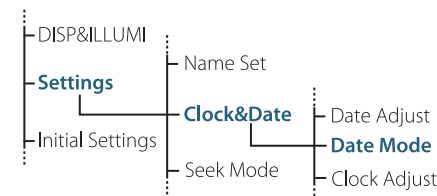
For how to select setting items such as a function setting item, see the following example:

Example: Setting the Date format of the display

1 Press [Control] knob.

“Function” appears and enters the Function setting mode.

2 Select the Date Mode function item



Turn [Control] knob to select “Settings”, and then press [Control] knob. Next, turn [Control] knob to select “Clock&Date”, and then press [Control] knob. Finally, turn [Control] knob to select “Date Mode”, and then press [Control] knob. To cancel and return to the previous item, press [Q/↵].

3 Turn [Control] knob to select a format (7 types), and then press [Control] knob.

Returns to the previous item.

4 Press and hold [Q/↵].

Exits the Function setting mode.

About the description in this manual

- In this manual, operations performed in steps 2 and 3 are described as follows:
2 Select “Settings” > “Clock&Date” > “Date Mode” using [Control] knob.
3 Select a format (7 types) using [Control] knob.

Basic operations

3-4. Adjusting the clock

1 Press [Control] knob.

Enters the Function setting mode.

2 Select “Settings” > “Clock&Date” > “Clock Adjust” using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Set the hour using [Control] knob.

4 Set the minute using [Control] knob.

Exiting from the Function setting mode

Press and hold [Q/⏮].

3-5. General operations

Power

Press [SRC] to turn the power ON.

Press and hold [SRC] to turn the power OFF.

Source selection

Press [SRC].

The source will switch each time upon pressing the button.

Source	Display
Standby	“STANDBY”
Digital radio[2]	“DIGITAL RADIO”
Tuner	“TUNER”
USB device connected to front USB terminal	“USB(FRONT)”
USB device connected to rear USB terminal	“USB(REAR)”
iPod connected to front USB terminal[1]	“iPod(FRONT)”
iPod connected to rear USB terminal[1]	“iPod(REAR)”
Pandora® of iPod connected to front USB terminal[1][2][3]	“Pandora(FRONT)”
Pandora® of iPod connected to rear USB terminal[1][2][3]	“Pandora(REAR)”
Pandora® of device connected via Bluetooth[1][2][3]	“Pandora”
aha™ of iPod connected to front USB terminal[1]	“aha(FRONT)”
aha™ of iPod connected to rear USB terminal[1]	“aha(REAR)”
aha™ of device connected via Bluetooth[1]	“aha”
Bluetooth audio	“BT AUDIO”
CD[1]	“CD”
Auxiliary Input	“AUX”

[1] This source can be selected only when it can be played.

[2] Function of KDC-U7056DAB

[3] Function of KDC-U7056BT.

Setting the source switching

- Source switching can be set so that pressing [SRC] switches among sources. For more details, refer to <12-5. Initial settings> (page 60).
- Source switching can be set so that “Pandora”, “aha”, and “AUX” sources can not be selected when not in use. For more details, refer to <12-5. Initial settings> (page 60).

Volume

Turn [Control] knob.

USB terminal

A USB device or iPod can be connected.

The CA-U1EX (Max. 500mA) or KCA-iP102 (optional accessories) is recommended to connect a USB device or iPod.

Auxiliary input

A portable audio device can be connected with a stereo mini-plug (3.5 mm ø).

4. DSP settings

4-1. Audio control

You can adjust the audio control items.

1 Press [SRC] to select a source other than Standby ("STANDBY").

Refer to <Source selection> (page 10).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Audio Control" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select a audio control item using [Control] knob.

Display	Overview
"SubWoofer Level"	You can set subwoofer level. "-15" — "0" — "+15"
"Preset Equalizer"[1][4]	Select from among preset equalizer curves to set the sound quality. "User"[2]/"Natural"/"Rock"/"Pops"/"Easy"/"Top 40"/"Jazz"/"Powerful"/"iPod"(During iPod source only)
"Manual Equalizer"[1][4]	Set the equalizer curve manually. Refer to <4-2. Manual equalizer control> (page 13).
"Pro Setup"	
"DSP Set"[7]	Turn on/off the DSP function. "Bypass": Disables the DSP function. "Through": Enables the DSP function.
"Car Type"[4]	To get clear sound, set the sound environment according to the location and size of physically installed speakers with reference to the followings:
"Speaker Setting"[4]	
"X'Over"[4]	
"DTA Settings"[4]	<4-3. Car type selection> (page 13) <4-4. Speaker setting> (page 14) <4-5. X'Over setting> (page 15) <4-6. Listening position setting> (page 16) <4-7. Delay time control> (page 16) <4-8. Channel level fine adjustments> (page 17)
"Sound Enhancements"[4]	
"Supreme"[5]	Turns ON/OFF the Supreme function. Can be set while Audio file source of USB/CD and iPod source. "ON"/"OFF"
"HIGHWAY-SOUND"[3]	Compensates the low volume or bass sound being lost by road noises to make vocal sound clearer. "OFF"/"Low"/"Middle"/"High"
"Space Enhancer"[3]	Virtually enhances the sound space using the DSP. "OFF"/"Small"/"Medium"/"Large"

"Sound Realizer"	Virtually makes the sound more realistic using the DSP. "OFF"/"Level1"/"Level2"/"Level3"
"Sound Elevation"	Virtually raises the sound field using the DSP. "OFF"/"Low"/"Middle"/"High"
"Volume offset"	Sets each source's volume as a difference from the basic volume. "-8" — "0" (AUX: "-8" — "+8")
"Rear Mute"[6]	Sets the Rear channel Mute. "ON"/"OFF"
"SubWoofer Mute"	Sets the Subwoofer Mute. "ON"/"OFF"
"Audio Preset"	You can register the values set the Audio control items. Refer to <4-10. DSP preset> (page 18), <4-11. DSP preset recall> (page 19).
"Bass Boost"[4]	Sets the Bass Boost level in 3 steps. "OFF"/"Level1"/"Level2"/"Level3"
"Loudness"[4]	Makes the sounds at high and low frequencies louder. "OFF"/"Low"/"High"
"Balance"	Adjusts left/right speaker balance. "Left15" — "0" — "Right15"
"Fader"[6]	Adjusts front/rear speaker balance. "Rear15" — "0" — "Front15"

(Colored text: Factory setting)

[1] You can select for each source.

[2] "User": The Equalizer curve set in the section <4-2. Manual equalizer control> (page 13) is recalled.

[3] This function is not effective for the Tuner and Digital radio source.

[4] Displayed only when "DSP Set" is set to "Through".

[5] Audio file source only

[6] Not displayed while using 3 way system.

[7] Unable to change the setting while using 3 way system.

5 Select a value using [Control] knob.

Exiting from the Function setting mode

Press and hold [Q/↵].

When you selected "iPod" for "Preset Equalizer"

- When you selected "iPod" for "Preset Equalizer", next select an equalizer curve. Select a desired equalizer curve using [Control] knob from among 22 equalizer curves displayed after you selected "iPod".

4-2. Manual equalizer control

You can adjust the equalizer curve manually.

1 Press [SRC] to select a source other than Standby ("STANDBY").

Refer to <Source selection> (page 10).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Audio Control" > "Manual Equalizer" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select a equalizer control item using [Control] knob.

Display	Description	Range
"Gain"	Adjust the gain of each band.	-9 — 0 — +9 dB
"Q Factor"	Adjust Q of each band.	1.35/ 1.50/ 2.00
"Bass EXT"	Adjust the gain of lower frequencies than 62.5 Hz to the level equivalent to 62.5 Hz.	"OFF"/"ON"

(Colored text: Factory setting)

When "Bass EXT" and "Q Factor" are selected, skip step 5.

5 Select a Band using [Control] knob.

"BAND1"; 62.5 Hz, "BAND2"; 100 Hz, "BAND3"; 160 Hz, "BAND4"; 250 Hz, "BAND5"; 400 Hz, "BAND6"; 630 Hz, "BAND7"; 1 kHz, "BAND8"; 1.6 kHz, "BAND9"; 2.5 kHz, "BAND10"; 4 kHz, "BAND11"; 6.3 kHz, "BAND12"; 10 kHz, "BAND13"; 16kHz

6 Select a value using [Control] knob.

Exiting from the Function setting mode

Press and hold [Q/↵].

When the "Manual Equalizer" item is not displayed

- This function is not available when "iPod" is selected for "Preset Equalizer".

4-3. Car type selection

You can compensate the delay of the sound arrival time by selecting your environment from the car types.

1 Press [SRC] to select a source other than Standby ("STANDBY").

Refer to <Source selection> (page 10).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Audio Control" > "Pro Setup" > "Car Type" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select a car type using [Control] knob.

Display	Car type
"OFF"	Not compensating.
"Compact"	Compact car
"Full Size Car"	Full size car
"Wagon"	Station wagon
"Minivan"	Minivan
"SUV"	Sport-utility vehicle
"Minivan (Long)"	Long Minivan

Exiting from the Function setting mode

Press and hold [Q/↵].

To set the delay time finely

- You can compensate the distances in more details by using <4-7. Delay time control> (page 16) function.

DSP settings

4-4. Speaker setting

The speaker X'Over is automatically set when the position and size of each speaker are selected from the following items.

1 Press [SRC] to select a source other than Standby ("STANDBY").

Refer to <Source selection> (page 10).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Audio Control" > "Pro Setup" > "Speaker Setting" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select a speaker type using [Control] knob.

Speaker type	Setting item	Setting value
"Front"	Front speaker location	"Door", "On Dash", "Under Dash"
	"SIZE"	Front speaker size "O.E.M.", "8cm", "10cm", "12cm", "13cm", "16cm", "17cm", "18cm", "4x6", "5x7", "6x8", "6x9", "7x10"
	"TW"	Tweeter size "None", "Small", "Medium", "Large"
"Rear"	Rear speaker location	"Door", "Rear Deck" ("2nd Row", "3rd Row") ^[1]
	"SIZE"	Rear speaker size "None", "O.E.M.", "8cm", "10cm", "12cm", "13cm", "16cm", "17cm", "18cm", "4x6", "5x7", "6x8", "6x9", "7x10"
"SubWoofers"	"SIZE"	Speaker Size Subwoofer "None", "16cm", "20cm", "25cm", "30cm", "38cm Over"

(Colored text: Factory setting)

^[1] Value set when "Minivan" or "Minivan (Long)" is selected as described in <4-3. Car type selection> (page 13).

When Speaker network is set to 3 way

Speaker type	Setting item	Setting value
"Tweeter"	"SIZE"	Tweeter size "Small", "Medium", "Large"
"Mid Range"	Mid Range speaker location	Mid range speaker location "Door", "On Dash", "Under Dash"
	"SIZE"	Mid range speaker size "O.E.M.", "8cm", "10cm", "12cm", "13cm", "16cm", "17cm", "18cm", "4x6", "5x7", "6x8", "6x9", "7x10"
"Woofers"	"SIZE"	Subwoofer size "None", "16cm", "20cm", "25cm", "30cm", "38cm Over"

5 Select a setting item using [Control] knob.

6 Select a setting value using [Control] knob.

Exiting from the Function setting mode

Press and hold [Q/↵].

4-5. X'Over setting

Fine adjusting the following setting values corresponding to the X'Over values set in the section <4-4. Speaker setting> (page 14).

1 Press [SRC] to select a source other than Standby ("STANDBY").

Refer to <Source selection> (page 10).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Audio Control" > "Pro Setup" > "X'Over" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select a speaker type using [Control] knob.

Speaker type	Setting item	Setting value
"Front"	"FC"	Front high pass filter Through, 30, 40, 50, 60, 70, 80, 90, 100, 120, 150, 180, 220, 250 Hz
	"SLOPE" ^[1]	Front high pass slope -6, -12, -18, -24 dB/Oct
	"GAIN"	Front gain -8, -7, -6, -5, -4, -3, -2, -1, 0 dB
"Rear"	"FC"	Rear high pass filter Through, 30, 40, 50, 60, 70, 80, 90, 100, 120, 150, 180, 220, 250 Hz
	"SLOPE" ^[1]	Rear high pass slope -6, -12, -18, -24 dB/Oct
	"GAIN"	Rear Gain -8, -7, -6, -5, -4, -3, -2, -1, 0 dB
"SubWoofers"	"FC"	Subwoofer low pass filter 30, 40, 50, 60, 70, 80, 90, 100, 120, 150, 180, 220, 250, Through Hz
	"SLOPE" ^[1]	Subwoofer slope -6, -12, -18, -24 dB/Oct
	"GAIN"	Subwoofer gain -8, -7, -6, -5, -4, -3, -2, -1, 0 dB
	"PHASE"	Subwoofer phase "REV" (180°)/"NML" (0°)
"Tweeter"	"FC"	Shelving filter 1, 1.6, 2.5, 4, 5, 6.3, 8, 10, 12.5 kHz
	"Volume"	Tweeter volume -8, -7, -6, -5, -4, -3, -2, -1, 0 dB

(Colored text: Factory setting)

^[1] Displayed only when "FC" is set to "30" - "250".

When Speaker network is set to 3 way

Speaker type	Setting item	Setting value
"Tweeter"	"FC"	Tweeter high pass filter 1, 1.6, 2.5, 4, 5, 6.3, 8, 10, 12.5 kHz
	"SLOPE"	Tweeter slope -6, -12 dB/Oct
	"GAIN"	Tweeter gain -8, -7, -6, -5, -4, -3, -2, -1, 0 dB
	"PHASE"	Tweeter phase "REV" (180°)/"NML" (0°)
"Mid LPF"	"FC"	Mid range low pass filter 1, 1.6, 2.5, 4, 5, 6.3, 8, 10, 12.5, Through kHz
	"SLOPE"	Mid range low pass slope -6, -12 dB/Oct
	"GAIN"	Mid range gain -8, -7, -6, -5, -4, -3, -2, -1, 0 dB
	"PHASE"	Mid range phase "REV" (180°)/"NML" (0°)
"Mid HPF"	"FC"	Mid range high pass filter Through, 30, 40, 50, 60, 70, 80, 90, 100, 120, 150, 180, 220, 250 Hz
	"SLOPE"	Mid range high pass slope -6, -12 dB/Oct
	"GAIN"	Mid range gain -8, -7, -6, -5, -4, -3, -2, -1, 0 dB
	"PHASE"	Mid range phase "REV" (180°)/"NML" (0°)
"Woofers"	"FC"	Woofer low pass filter 30, 40, 50, 60, 70, 80, 90, 100, 120, 150, 180, 220, 250, Through Hz
	"SLOPE"	Woofer low pass slope -6, -12 dB/Oct
	"GAIN"	Woofer gain -8, -7, -6, -5, -4, -3, -2, -1, 0 dB
	"PHASE"	Woofer phase "REV" (180°)/"NML" (0°)

5 Select a setting item using [Control] knob.

6 Select a setting value using [Control] knob.

Exiting from the Function setting mode

Press and hold [Q/↵].

DSP settings

4-6. Listening position setting

You can adjust sound localization according to the listening position.

- 1 Press [SRC] to select a source other than Standby ("STANDBY").

Refer to <Source selection> (page 10).

- 2 Press [Control] knob.

Enters the Function setting mode.

- 3 Select "Audio Control" > "Pro Setup" > "DTA Settings" > "Preset Position" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

- 4 Select a listening position using [Control] knob.

Display	Compensation seat
"ALL"	Not compensating.
"Front R"	Front Right seat
"Front L"	Front Left seat
"Front All"[1]	Front seat

[1] Not displayed while using 3 way system.

Exiting from the Function setting mode

Press and hold [Q/↵].

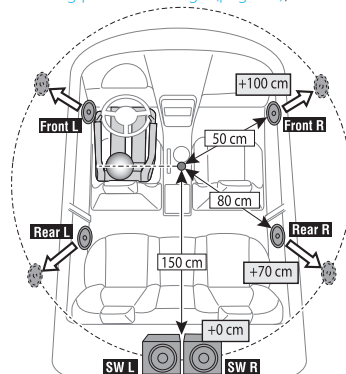
4-7. Delay time control

Adjusting fine tuning of the speaker position compensation value specified at <4-3. Car type selection> (page 13).

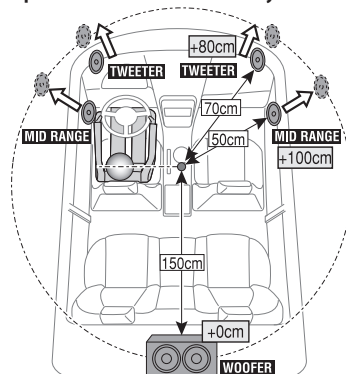
Preparation for setting

- If you specify the distance from the center of the currently set listening position to every speaker, the delay time will be automatically computed and set.
 1. Determine the center of the currently set listening position as the reference point (• in the illustration shown below).
 2. Measure the distances from the reference point to the speakers.
 3. Calculate the differences between the distance of the furthest speaker and other speakers.
 4. Input the differences calculated in step 3 for individual speakers.
 5. Adjust gain for individual speakers. A sound image will be shifted to the speaker with increased gain.

Example: When "Front" is selected as the listening position (<4-6. Listening position setting> (page 16)).



When Speaker network is set to 3 way



- 1 Press [SRC] to select a source other than Standby ("STANDBY").

Refer to <Source selection> (page 10).

- 2 Press [Control] knob.

Enters the Function setting mode.

- 3 Select "Audio Control" > "Pro Setup" > "DTA Settings" > "DTA" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

- 4 Select a speaker using [Control] knob.

Speaker	Display	Range
Front Left speaker	"FrontL"	0 – 610 cm
Front Right speaker	"FrontR"	0 – 610 cm
Rear Left speaker	"RearL"	0 – 610 cm
Rear Right speaker	"RearR"	0 – 610 cm
Subwoofer Left	"SW L"	0 – 610 cm
Subwoofer Right	"SW R"	0 – 610 cm

(Colored text: Factory setting)

When Speaker network is set to 3 way

Speaker	Display	Range
Tweeter Left	"TWL"	0 – 610 cm
Tweeter Right	"TWR"	0 – 610 cm
Mid Range Left	"MIDL"	0 – 610 cm
Mid Range Right	"MIDR"	0 – 610 cm
Woofer Left	"WFL"	0 – 610 cm
Woofer Right	"WFR"	0 – 610 cm

(Colored text: Factory setting)

- 5 Select a value using [Control] knob.

Exiting from the Function setting mode

Press and hold [Q/↵].

4-8. Channel level fine adjustments

After DTA compensation, you can finely adjust the unsatisfactory speaker volume of respective speaker.

- 1 Press [SRC] to select a source other than Standby ("STANDBY").

Refer to <Source selection> (page 10).

- 2 Press [Control] knob.

Enters the Function setting mode.

- 3 Select "Audio Control" > "Pro Setup" > "DTA Settings" > "Channel Level" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

- 4 Select a speaker using [Control] knob.

Speaker	Display	Range
Front Left speaker	"Front""L"	-8 – 0 dB
Front Right speaker	"Front""R"	-8 – 0 dB
Rear Left speaker	"Rear""L"	-8 – 0 dB
Rear Right speaker	"Rear""R"	-8 – 0 dB
Subwoofer Left	"SW""L"	-8 – 0 dB
Subwoofer Right	"SW""R"	-8 – 0 dB

(Colored text: Factory setting)

When Speaker network is set to 3 way

Speaker	Display	Range
Tweeter Left	"TW""L"	-8 – 0 dB
Tweeter Right	"TW""R"	-8 – 0 dB
Mid Range Left	"MID""L"	-8 – 0 dB
Mid Range Right	"MID""R"	-8 – 0 dB
Woofer Left	"WF""L"	-8 – 0 dB
Woofer Right	"WF""R"	-8 – 0 dB

(Colored text: Factory setting)

- 5 Select a value using [Control] knob.

Exiting from the Function setting mode

Press and hold [Q/↵].

DSP settings

4-9. Resetting of DTA Settings

You can reset the DTA-compensated values to the factory settings.

1 Press [SRC] to select a source other than Standby ("STANDBY").

Refer to [<Source selection> \(page 10\)](#).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Audio Control" > "Pro Setup" > "DTA Settings" > "Reset DTA Setting" using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

4 Select "YES" using [Control] knob.

Exiting from the Function setting mode

Press and hold [Q/↵].

4-10. DSP preset

You can register the values set the DSP control items.

1 Set the DSP control items

Refer to the following operations to setup the Sound Control.

- "SubWoofer Level" of [<4-1. Audio control> \(page 12\)](#)
- [<4-2. Manual equalizer control> \(page 13\)](#)
- [<4-3. Car type selection> \(page 13\)](#)
- [<4-4. Speaker setting> \(page 14\)](#)
- [<4-5. X'Over setting> \(page 15\)](#)
- [<4-6. Listening position setting> \(page 16\)](#)
- [<4-7. Delay time control> \(page 16\)](#)
- [<4-8. Channel level fine adjustments> \(page 17\)](#)

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Audio Control" > "Pro Setup" > "Audio Preset" > "Memory" using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

4 Select a memory number ("Memory 1" or "Memory 2") using [Control] knob.

5 Select "YES" using [Control] knob.

"Memory Completed" appears.

Exiting from the Function setting mode

Press and hold [Q/↵].

When reset

- When this unit is reset, all setting values stored in "Memory 1" are applied to the source.

4-11. DSP preset recall

You can recall the DSP control items registered to the [<4-10. DSP preset> \(page 18\)](#).

1 Press [SRC] to select a recall source.

Refer to [<Source selection> \(page 10\)](#).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Audio Control" > "Pro Setup" > "Audio Preset" > "Recall" using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

4 Select a recall memory number ("Recall 1" or "Recall 2") using [Control] knob.

5 Select "YES" using [Control] knob.

"Recall Completed" appears.

Exiting from the Function setting mode

Press and hold [Q/↵].

5. Listen to the iPod

5-1. Models of iPods/iPhones that can be connected to this unit

Made for

- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod nano (2nd generation)
- iPod nano (1st generation)
- iPod with video
- iPod classic
- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

- For information on the compatibility with iPod/iPhone software, visit www.kenwood.com/cs/ce/ipod/.
- Types of available control vary depending on the type of connected iPod. Visit www.kenwood.com/cs/ce/ipod/ for further details.
- The word "iPod" appearing in this manual indicates the iPod or the iPhone connected with the iPod connection cable (optional accessory).
- Refer to the web site for connectable iPods and iPod connection cables.
www.kenwood.com/cs/ce/ipod/

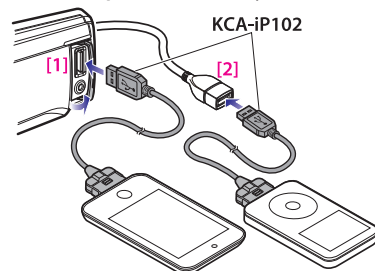
Notes

- If you start playback after connecting the iPod, the music that was playing on the iPod is played first. In this case, "RESUMING" appears without displaying a folder name, etc. Changing the browse item will display a correct title, etc.
- You cannot operate the iPod if "KENWOOD" or "✓" appears on the iPod.

5-2. Playing music

Playing a iPod

Connect the iPod to the USB terminal using the KCA-iP102 (optional accessory).



- [1] Front USB terminal
- [2] Rear USB terminal

You can connect the iPod to either one of the USB terminals provided at the front and rear of this unit. If you connect a device to the USB terminal provided at the rear, the "REAR USB" indicator stays lit.

When it is connected, the source is switched automatically and playback starts.

Selecting a song

Press [◀◀] or [▶▶] button.

Fast-forwarding or fast-backwarding a song

Press and hold [◀◀] or [▶▶].

Pause and play a song

Press and hold [Q/⏮].

Removing iPod

Switch the source to a device other than iPod, Pandora, and Aha Radio, and then remove the iPod.

Data contained in the iPod may be damaged if you remove it when it is used as the active source.

When playback of iPod touch or iPhone does not start

- If an unsupported application has started when connecting iPod touch or iPhone, "APP & iPod Mode" appears and sometimes playback does not start. In this case, APP & iPod Mode is set to "OFF". Refer to <5-9. App & iPod mode setting> (page 24).

5-3. Music search

You can search for the song you want to play.

1 Press [Q/⏮].

"MUSICSEARCH" appears and enters the Music search mode.

2 Search for a song

Operation type	Operation
Movement between items	Turn [Control] knob.
Selection of item	Press [Control] knob.
Return to previous item	Press [Q/⏮].
Return to Top menu	Press and hold [◀◀].

Exiting the Music search mode

Press and hold [Q/⏮].

Undisplayable titles

- If no characters included in a song name can be displayed, the browse item name and digits are displayed.

Items	Display
Playlists	"PLIST***"
Artists	"ART***"
Albums	"ALB***"
Songs	"PRGM***"
Podcasts	"PDC***"
Genres	"GEN***"
Composers	"COM***"

5-4. Alphabet search

You can select an alphabetic character from the list in the browse item (artist, album, etc.) currently selected.

1 Press [Q/⏮].

"MUSICSEARCH" appears and enters the Music search mode.

2 Press and hold [Control] knob.

Enter the Search select mode

3 Select "Alphabet Search" using [Control] knob.

4 Select a character using [Control] knob.

Return to the Music search mode.

Exiting the Alphabet search mode

Press and hold [Q/⏮].

Notes on alphabet search

- Turning [Control] knob fast in the Music search mode allows you to enter the alphabet search mode.
- The time of Alphabet search may become long depending on the number of items (songs) in iPod.
- To search for a character other than A to Z and 1, enter ".*".
- If the first character string begins with an article "a", "an", or "the" in the alphabet search mode, it is searched for in defiance of the article.

Listen to the iPod

5-5. Direct search

You can search for music by selecting a browse item and an alphabetic character(s).

1 Press [Q/↵].

"MUSICSEARCH" appears and enters the Music search mode.

2 Press and hold [Control] knob.

Enter the Search select mode

3 Select "Direct Search" using [Control] knob.

4 Select browse item using [Control] knob.

Display	Browse item
"PLAYLISTS"	Playlists
"ARTISTS"	Artists
"ALBUMS"	Albums
"SONGS"	Songs
"PODCASTS"	Podcasts
"GENRES"	Genres
"COMPOSERS"	Composers

5 Select select a character(s) using [Control] knob.

You can select up to three characters.

6 Select "DONE" using [Control] knob.

A search result list is displayed.

7 Select music using [Control] knob.

Exiting the Music search mode

Press and hold [Q/↵].

5-6. Skip search

You can search for a song by skipping songs at the set skip search ratio (the ratio of the number of songs to skip to the total number of songs in the selected list)

1 Press [Q/↵].

"MUSICSEARCH" appears and enters the Music search mode.

2 Press and hold [Control] knob.

Enter the Search select mode

3 Select "Skip Search" using [Control] knob.

4 Search for music

Operation type	Operation
Movement between items	Turn [Control] knob.
Skip Search	Press [▲] or [▼].
Selection of item	Press [Control] knob.
Setting of skip search ratio	Press [◀◀] or [▶▶].

Exiting the Music search mode

Press and hold [Q/↵].

Skip search ratio setting

- You can also set the skip search ratio in the Function setting mode. Refer to <5-7. Skip search ratio setting> (page 23).

5-7. Skip search ratio setting

You can change the ratio of skip performed as mentioned in <5-6. Skip search> (page 22).

1 Press [SRC] to select an iPod ("iPod") source.

Refer to <Source selection> (page 10).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Settings" > "Skip Search" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select a ratio using [Control] knob.

Returns to the previous item.

Exiting from the Function setting mode

Press and hold [Q/↵].

5-8. Playback mode

You can select a playback mode, such as Random play and Repeat play.

1 Press [SRC] to select an iPod ("iPod") source.

Refer to <Source selection> (page 10).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Play Mode" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select a playback mode function using [Control] knob.

Display	Description
"Folder Random"	When set to "ON", plays the songs in the folder randomly. (Music only) <input checked="" type="checkbox"/> (ON) / <input type="checkbox"/> (OFF)
"All Random"	When set to "ON", plays all songs in the iPod randomly. (Music only) <input checked="" type="checkbox"/> (ON) / <input type="checkbox"/> (OFF)
"File Repeat"	When set to "ON", plays the song repeatedly. <input checked="" type="checkbox"/> (ON) / <input type="checkbox"/> (OFF)

5 Press [Control] knob.

The setting is changed.

Exiting from the Function setting mode

Press and hold [Q/↵].

Listen to the iPod

5-9. App & iPod mode setting

You can select a music from iPod when App & iPod mode is set to ON.

1 Press [SRC] and select an iPod (“iPod”) source using [Control] knob.

Refer to [<Source selection> \(page 10\)](#).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select “APP & iPod Mode” using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

Selecting “APP & iPod Mode” item each time switching between On and Off.

Exiting from the Function setting mode

Press and hold [Q/↵].

Operation performed when “APP & iPod Mode” is set to “ON”

- When “APP & iPod Mode” is set to “ON”, this unit can control only the “Pause and play”, “Selecting a song”, and “Fast Forward or Fast Backward of the Song” functions.

6. Pandora® (KDC-U7056DAB/ KDC-U7056BT)

6-1. Requirements Pandora®

Requirements for listening to the Pandora® are as follows:

iPhone or iPod touch

- Use an Apple iPhone or iPod touch running under iOS3 or later.
- Search for "Pandora" in the Apple iTunes App Store to find and install the most current version of the Pandora® application on your device.
- iPhone/ iPod touch connected to this unit with a KCA-iP102.

Android™

- Visit the Google Play and search for Pandora to install.
- Bluetooth must be built in and the following profiles must be supported.
 - SPP (Serial Port Profile)
 - A2DP (Advanced Audio Distribution Profile)

BlackBerry®

- Visit www.pandora.com from the built in browser to download the Pandora application.
- Bluetooth must be built in and the following profiles must be supported.
 - SPP (Serial Port Profile)
 - A2DP (Advanced Audio Distribution Profile)

Notes

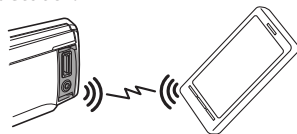
- In the application on your device, log in and create an account with Pandora.
(If you are not already a registered user, an account can also be created at www.pandora.com.)
- Internet connection by LTE, 3G, EDGE, or WiFi.
- Pandora® is available only in the U.S, Canada, Australia and New Zealand.
- Because Pandora® is a third-party service, the specifications are subject to change without prior notice. Accordingly, compatibility may be impaired or some or all of the services may become unavailable.
- Some functions of Pandora® cannot be operated from this unit.
- For issues using the application, please contact Pandora® at pandora-support@pandora.com

6-2. Listening to the Pandora®

Android or BlackBerry

- You need to register your cell phone before using it with this unit. See <13-2. Registering a Bluetooth device> (page 62).
- Disconnect the iPhone or iPod touch.

1 Connect the Android/BlackBerry smartphone via Bluetooth.



2 Open the Pandora® application on your device.

3 Press [SRC] to select a Pandora ("Pandora") source.

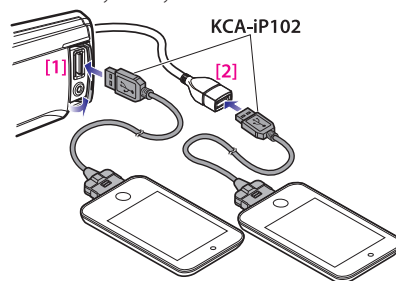
Refer to <Source selection> (page 10).

iPhone or iPod touch

1 Open the Pandora® application on your device.

2 Connect the iPod to the USB terminal using the KCA-iP102 (optional accessory).

The source switches, and broadcasting starts automatically from your current station.



- [1] Front USB terminal
- [2] Rear USB terminal

3 Press [SRC] and select an Pandora ("Pandora(FRONT)" or "Pandora(REAR)") source using [Control] knob.

Refer to <Source selection> (page 10).

6-3. Basic operation

Thumbs up

Press [▲].

Thumbs down

Press [▼].

Song skip

Press [▶▶].

Pause and play a song

Press and hold [Q/⏮].

6-4. Station search

You can select the station you want to listen to from your station list.

1 Press [Q/⏮].

"Station List" appears and enter the Station List mode.

2 Select a sort type using [Control] knob.

"A-Z": Stations are displayed in alphabetical order.

"By Date": Stations are displayed in date order.

3 Select a station using [Control] knob.

♪ indicator

- The ♪ indicator is displayed for the station you are listening to.

6-5. Bookmark registration

You can register the current track information or artist information in Bookmark.

1 Press [Control] knob.

Enters the Function setting mode.

2 Select "Bookmarks" using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

3 Select a information type using [Control] knob.

- "Bookmark Track": To register track information.
 - "Bookmark Artist": To register artist information.
- "Adding bookmark" appears. The information about the song you are listening to now is added to the bookmark.

Exiting from the Function setting mode

Press and hold [Q/↵].

Synchronization with your Pandora® account

- This unit allows you to bookmark tracks and/or artists in your personalized Pandora® account. The bookmarks will not be available for review on the unit but will be available in your Pandora® account.

6-5. New station registration

You can search for a desired station. You can register the displayed station as a new station in your station list.

1 Press and hold [Control] knob.

"New Station" appears and enter the New station registration.

2 Select a search method using [Control] knob.

- "My Station": Searches by the specified character.
- "Track": Searches by the name of the track being played
- "Artist": Searches by the name of the artist you are listening.
- "Genre": Searches in the genre list.

When you select "Track" or "Artist", a new station name is created. The subsequent steps need not be executed.

3 Specify a search condition.

When "My Station" is selected

Operation type	Operation
Selection of characters	Turn [Control] knob.
Determination of the selected characters.	Press [Control] knob.
Select the column	Press [◀◀] or [▶▶].
Station search starts	Select "DONE" using [Control] knob.

Up to 5 characters can be entered.

When "Genre" is selected

Select genre using [Control] knob.

4 Select a station using [Control] knob.

The broadcast from the selected station is received and the station is registered in the station list.

6-7. Deletion of station

You can delete registered station information from your station list.

1 Press [Control] knob.

Enters the Function setting mode.

2 Select "Station Delete" using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

3 Select a sort type using [Control] knob.

"A-Z": Stations are displayed in alphabetical order.
 "By Date": Stations are displayed in date order.

4 Select a station using [Control] knob.

5 Select "YES" using [Control] knob.

"Completed" appears.

Exiting from the Function setting mode

Press and hold [Q/↵].

6-8. Pandora source control

You can turn on/off the Pandora source.

1 Press [SRC] to select a Standby ("STANDBY").

Refer to [<Source selection> \(page 10\)](#).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Initial Settings" > "Pandora Source" using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

4 Select a Pandora source control method using [Control] knob.

"ON": Turns on the Pandora source.
 "OFF": Turns off the Pandora source.

Exiting from the Function setting mode

Press and hold [Q/↵].

7. Aha Radio

7-1. Requirements Aha™

Requirements for listening to the Aha™ are as follows:

iPhone or iPod touch

- Use an Apple iPhone or iPod touch running iOS4 or later.
- Search for “aha” in the Apple iTunes App Store to find and install the most current version of the Aha™ application on your device.
- iPhone/iPod touch connected to this unit with a KCA-iP102 (optional accessory).

Android™

- Use Android OS 2.2 or later.
- Download the Aha™ application to your smartphone from the Google Play.
- Bluetooth must be built in and the following profiles must be supported.
 - SPP (Serial Port Profile)
 - A2DP (Advanced Audio Distribution Profile)

Notes

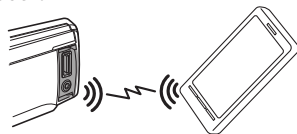
- In the application on your device, log in and create a free account with Aha.
- Internet connection by LTE, 3G, EDGE, or WiFi.
- Because Aha™ is a third-party service, the specifications are subject to change without prior notice. Accordingly, compatibility may be impaired or some or all of the services may become unavailable.
- Some Aha™ functionality cannot be operated from this unit.

7-2. Listening to the Aha Radio

Android

- You need to register your cell phone before using it with this unit. See <13-2. Registering a Bluetooth device> (page 62).
- Disconnect the iPhone or iPod touch.

1 Connect the Android smartphone via Bluetooth.



2 Open the Aha Radio application on your device.

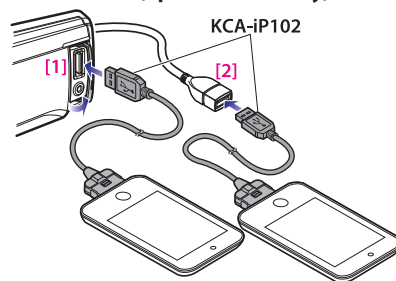
3 Press [SRC] to select an Aha Radio (“aha”) source.

Refer to <Source selection> (page 10).

iPhone or iPod touch

1 Open the Aha Radio application on your device.

2 Connect the iPod to the USB terminal using the KCA-iP102 (optional accessory).



- [1] Front USB terminal
- [2] Rear USB terminal

3 Press [SRC] to select an Aha Radio (“aha(FRONT)” or “aha(REAR)” source.

Refer to <Source selection> (page 10).

7-3. Basic operations

Pause and play a content

Press and hold [Q/⏮].

Selecting a content

Press [◀◀] or [▶▶] button.

Forward 30 seconds a content

Press and hold [▶▶].

Backward 15 seconds a content

Press and hold [◀◀].

“Likes” current content

Press [▲] button.

To unvote, press the button again.

“Dislikes” current content

Press [▼] button.

To unvote, press the button again.

Notes

- You can not perform the above operations depending on the selected station.

7-4. Station search

You can select the station you want to listen to from your station list.

1 Press [Q/⏮].

“Station List” appears and enter the Station List mode.

2 Select a station using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Select a content using [Control] knob.

Aha Radio

7-5. Calling a number in the content

You can call the phone number obtained from the content from a smartphone connected to this unit via Bluetooth.

1 Press and hold [Control] knob.

"Make a call" appears.

2 Press [Control] knob.

Makes a call.

Canceling the call

Press [Q/↵].

Notes

- You can not perform the above operations depending on the selected station.

7-6. Aha source control

You can turn on/off the aha source.

1 Press [SRC] to select a Standby ("STANDBY").

Refer to [<Source selection> \(page 10\)](#).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Initial Settings" > "aha Source" using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

4 Select a aha source control method using [Control] knob.

"ON": Turns on the aha source.

"OFF": Turns off the aha source.

Exiting from the Function setting mode

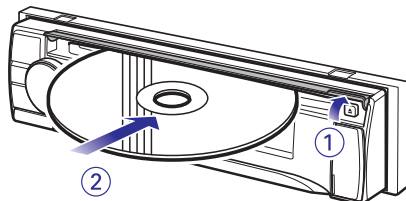
Press and hold [Q/↵].

8. Listen to the CD/ Audio file

8-1. Playing music

Playing a disc

Open the Disc slot cover upward.
Insert a disc in the Disc slot.

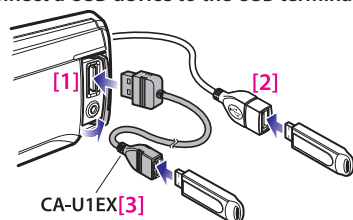


When it is inserted, the source is switched automatically and playback starts.

Close the Disc slot cover.

Playing a USB device

Connect a USB device to the USB terminal.



- [1] Front USB terminal
- [2] Rear USB terminal
- [3] optional accessory

You can connect the iPod or USB device to either one of the USB terminals provided at the front and rear of this unit.

When it is connected, the source is switched automatically and playback starts.

other than USB, and then remove the USB device.

Data contained in the USB device may be damaged if you remove it when it is used as the active source.

Selecting an audio file folder

Press [▲] or [▼] button.

Selecting a song (track or file)

Press [◀◀] or [▶▶].

Fast-forwarding or fast-backwarding a song (track or file)

Press and hold [◀◀] or [▶▶].

Pause and play a song (track or file)

Press and hold [Q/⏮].

Removing disc

Open the Disc slot cover upward.
Press [▲].

Removing USB device

Press [SRC] to switch the source to a device

8-2. Music search

You can select the music you want to listen to from the device or media being played now.

1 Press [Q/⏮].

"MUSICSEARCH" appears, and the Music search mode is selected.

2 Search for music

Audio file

Operation type	Operation
Movement between folders/files	Turn [Control] knob.
Selection of folder/file	Press [Control] knob.
Return to previous folder	Press [Q/⏮].
Return to root folder	Press and hold [◀◀].
Cancellation of Music search mode	Press and hold [Q/⏮].

🎵 indicator: Audio file

📁 indicator: Folder

CD source

Operation type	Operation
Movement between track	Turn [Control] knob.
Selection of track	Press [Control] knob.
Return to first track	Press and hold [◀◀].
Cancellation of Music search mode	Press [Q/⏮].

When two USB memories are connected

- When two USB memories are connected, you can search for a song in both USB memories. When database information is added using KENWOOD Music Editor (<8-9. About "KENWOOD Music Editor Light" and "KENWOOD Music Control"> (page 38)), you can search a song in only one USB memory.

8-3. Skip search

(Music Editor media <8-9. About "KENWOOD Music Editor Light" and "KENWOOD Music Control"> (page 38))

You can search for a song by skipping songs at the set skip search ratio (the ratio of the number of songs to skip to the total number of songs in the selected list).

1 Press [Q/⏮].

"MUSICSEARCH" appears, and the Music search mode is selected.

2 Press and hold [Control] knob.

Enter the Search select mode

3 Select "Skip Search" using [Control] knob.

4 Search for music

Operation type	Operation
Movement between items	Turn [Control] knob.
Skip search	Press [▲] or [▼].
Selection of item	Press [Control] knob.
Setting of skip search ratio	Press [◀◀] or [▶▶].

Exiting the Music search mode

Press and hold [Q/⏮].

Skip search ratio setting

- You can also set the skip search ratio in the Function setting mode. Refer to <8-4. Skip search ratio setting> (page 36).

Listen to the CD/ Audio file

8-4. Skip search ratio setting

(Music Editor media <8-9. About "KENWOOD Music Editor Light" and "KENWOOD Music Control"> (page 38))

You can change the ratio of skip performed as mentioned in <8-3. Skip search> (page 35).

1 Press [SRC] to select a USB ("USB") source.

Refer to <Source selection> (page 10).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Settings" > "Skip Search" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select a ratio using [Control] knob.

Returns to the previous item.

Exiting from the Function setting mode

Press and hold [Q/↵].

8-5. Playback mode

You can select a playback mode, such as Random play and Repeat play.

1 Press [SRC] to select a CD/ USB ("CD"/"USB") source.

Refer to <Source selection> (page 10).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Play Mode" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select a playback mode function using [Control] knob.

Display	Description
"Disc Random" (CD)/ "Folder Random" (Audio file)	When set to "ON", plays the songs in the CD/ folder randomly. <input checked="" type="checkbox"/> (ON) / <input type="checkbox"/> (OFF)
"All Random" (Audio file)	When set to "ON", plays all songs in the disc/ USB randomly. <input checked="" type="checkbox"/> (ON) / <input type="checkbox"/> (OFF)
"Track Repeat" (CD)/ "File Repeat" (Audio file)	When set to "ON", plays the selected song repeatedly. <input checked="" type="checkbox"/> (ON) / <input type="checkbox"/> (OFF)
"Folder Repeat" (Audio file ^[1])	When set to "ON", plays the songs in the folder repeatedly. <input checked="" type="checkbox"/> (ON) / <input type="checkbox"/> (OFF)

[1] Except the Music Editor media

5 Press [Control] knob.

The setting is changed.

Exiting from the Function setting mode

Press and hold [Q/↵].

8-6. Direct music search

(Function of remote control)

You can search for music by entering the track number.

1 Press [DIRECT] on the remote control.

"-- --" appears and enter the Direct Music search mode.

2 Press the number buttons on the remote control to enter the music number.

3 Press [ENT] on the remote control.

Exiting the Direct music search mode

Press [↵] on the remote control.

This function cannot be used for a Music Editor media.

- This function cannot be used for media for which database information is added using KENWOOD Music Editor (<8-9. About "KENWOOD Music Editor Light" and "KENWOOD Music Control"> (page 38)).

8-7. About the Audio file

• Playable Audio files

AAC-LC (.m4a), MP3 (.mp3), WMA (.wma), WAV (.wav) of USB device

• Playable disc media

CD-R/RW/ROM

• Playable disc file formats

ISO 9660 Level 1/2, Joliet, Long file name.

• Playable USB devices

USB mass storage class

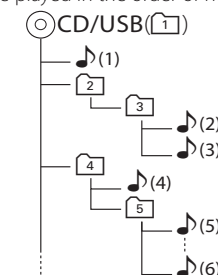
• Playable USB device file systems

FAT12, FAT16, FAT32

Even if the audio files comply with the standards listed above, playback may be impossible depending on the type or condition of the medium or device.

• Playback order of the Audio files

In the example of folder/file tree shown below, files are played in the order of number from (1) to (6).



[]: folder

♪: Audio file

For the online manual describing audio files, visit www.kenwood.com/cs/ce/audiofile/. In this online manual, detailed information and notes which are not provided in this manual are provided. Make sure to read through the online manual as well.

What is a USB device?

- In this manual, the term "USB device" indicates a flash memory or digital audio player which has a USB terminal.

Listen to the CD/ Audio file

8-8. About the USB device

- When the USB device is connected to this unit, it is charged when this unit is powered.
- Install the USB device in the place where it will not prevent you from driving your vehicle properly.
- You cannot connect a USB device via a USB hub or multi card reader.
- Save backups of the audio files used with this unit. The files can be erased depending on the operating condition of the USB device.


We shall not be liable for any damage arising out of erasure of the stored data.

- No USB device comes with this unit. You need to purchase a commercially available USB device.
- When connecting the USB device, use of the CA-U1EX (option) is recommended.
- Normal playback is not guaranteed when a cable other than the USB compatible cable is used. Connecting a cable whose total length is longer than 4 m can result in abnormal playback.

8-9. About “KENWOOD Music Editor Light” and “KENWOOD Music Control”

- This unit supports the PC application “KENWOOD Music Editor Light” (hereinafter “KME-Light”), and Android™ application “KENWOOD Music Control” (hereinafter “KMC”).
- When you use the audio file with database information added by the “KENWOOD Music Editor Light” or “KENWOOD Music Control”, you can search for a file by title, album or artist name using Music Search.
- “KENWOOD Music Editor Light” and “KENWOOD Music Control” are available from the following web site: www.kenwood.com/cs/ce/

8-10. About the discs used with this unit

- This unit can only play the CDs with 
- The following discs cannot be used:
 - A discs that is not round
 - A discs with coloring on the recording surface or a disc that is dirty
 - A recordable/rewritable disc that has not been finalized (For the finalization process, refer to the instruction manual that came with your disc writing software or your disc recorder.)
 - An 8 cm (3 inch) disc (An attempt to insert using an adapter can cause malfunction.)

8-11. Handling discs

- Do not touch the recording surface of the disc.
- Do not stick tape etc. on the disc, or use a disc with tape stuck on it.
- Do not use any accessories for the disc.
- Do not use any solvents to clean discs. Use a dry silicon or soft cloth.
- Clean the disc by moving the cloth outward from the center of the disc.
- When removing a disc from this unit, pull it out horizontally.
- If the center hole or outside rim of a disc has burrs, remove them before inserting a disc.

9. Listen to the tuner

9-1. Listening to the radio

Selecting a tuner source

Press [SRC] to select a Tuner ("TUNER") source.
Refer to <Source selection> (page 10).

Selecting a band (FM or AM)

Press [▲].

Selecting a station

Press [◀◀] or [▶▶].
The seek mode can be changed. Refer to
<Selecting a Seek mode> (refer to below), <9-5.
Tuner setting> (page 42).

Selecting a Seek mode

Press [▼].

Display	Operation
"Auto1"	Automatic search for a station.
"Auto2"	Search in order of the stations in the preset memory.
"Manual"	Normal manual tuning.

9-2. Station preset memory

You can store a station in the memory.

1 Press [◀◀] or [▶▶] to select the channel.

2 Press [Q/↵].
Enter the Preset mode.

3 Turn [Control] knob to select a memory number (FM: "1" – "18", AM: "1" – "6").

4 Press and hold [Control] knob.

Exiting the Preset memory mode

Press and hold [Q/↵].

About the Mix Station preset mode

- If you press [Q/↵] twice in step 2, the Mix Station preset mode is selected with "Mixed Preset List" displayed.
In this mode, different bands and tuner sources (FM, AM, Digital Radio etc.) can be saved in the same preset layer, which allows you to recall the desired station without switching between bands or tuner sources.
A maximum of six stations can be preset in the Mix Station preset mode.
Once the Mix Station preset mode is set, you can enter the same mode by just pressing [Q/↵] once in step 2.
Pressing [Q/↵] twice allows you to return to the normal Station preset mode.

9-3. Auto memory

You can register 18 (FM)/ 6 (AM) stations with good reception automatically.

1 Press [SRC] to select a Tuner ("TUNER") source.

Refer to <Source selection> (page 10).

2 Press [▲] to select a band.

3 Press [Control] knob.
Enters the Function setting mode.

4 Select "Settings" > "Auto Memory" using [Control] knob.
For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

5 Select "YES" using [Control] knob.
When 18 (FM)/ 6 (AM) stations that can be received are stored in the memory, the process in this mode is completed.

Exiting from the Function setting mode

Press and hold [Q/↵].

9-4. Recall preset station

Recall the stations in the memory.

1 Press [▲] to select a band.

2 Press [Q/↵].
Enter the Preset mode.

3 Select a memory number (FM: "1" – "18", AM: "1" – "6") using [Control] knob.

Listen to the tuner

9-5. Tuner setting

You can set up the tuner.

1 Press [SRC] to select a Tuner ("TUNER") source.

Refer to <Source selection> (page 10).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Settings" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select a Tuner setting item using [Control] knob

Display	Description
"Local Seek"[1]	Only stations whose reception is good are searched in auto seek tuning. (FM only) "ON" / "OFF"
"Seek Mode"	Sets the seek mode. "Auto1": Automatic search for a station. "Auto2": Search in order of the stations in the preset memory. "Manual": Normal manual tuning.
"MONO"	You can reduce the noise when stereo broadcasts are received as monaural. "ON" / "OFF"
"TI"[1]	Switches to the traffic information automatically when the traffic bulletin starts. "ON" / "OFF"
"News Interrupt"[1]	Automatically receives news bulletin when it starts. Set the time during which interrupt is to be disabled after start of another news bulletin. Changing "00MIN" to "90MIN" turns this function ON. If news bulletin starts when this function is ON, "NEWS" appears and news is received. If "20MIN" is has been set, reception of another news bulletin will not start for 20 minutes. The news bulletin volume is the same level that was set for Traffic Information. "OFF" / "00MIN" – "90MIN"
"AF"[1]	When the reception is poor, automatically alternate to another frequency broadcasting the same program in the same Radio data system network with better reception. "ON" / "OFF"
"Regional"[1]	Sets whether to switch to the station only in the specific region using the "AF" control. "ON" / "OFF"
"Auto TP Seek"[1]	When traffic information station reception is poor, automatically searches for a station that can be received better. "ON" / "OFF"

(Colored text: Factory setting)

[1] Function of KDC-U7056DAB.

5 Select a setting using [Control] knob.

Returns to the previous item.

Exiting from the Function setting mode

Press and hold [Q/↵].

9-6. Direct access tuning

(Function of remote control)

You can search for a station directly by entering frequency.

1 Press [DIRECT] on the remote control.

"- - - -" appears and enter the Direct access tuning mode.

2 Press the number buttons on the remote control to enter the frequency.

Example:

Desired frequency	Press the following buttons
92.1 MHz (FM)	[9], [2], [1]
810 kHz (AM)	[8], [1], [0]

3 Press [ENT] on the remote control.

Exiting Direct access tuning mode

Press [↵] on the remote control.

Listen to the tuner

9-7. PTY (Program Type)

(Function of KDC-U7056DAB)
You can search for a station by selecting a Program Type.

- 1 Press [Control] knob.
Enters the Function setting mode.
- 2 Select “Settings” > “PTY Search” using [Control] knob.
For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).
- 3 Select a Program Type using [Control] knob.

Program Type	Display
Speech	“Speech”
Music	“Music”
News	“News”
Current Affairs	“Affairs”
Information	“Info”
Sport	“Sport”
Education	“Educate”
Drama	“Drama”
Culture	“Arts”
Science	“Science”
Varied	“Talk”
Pop Music	“Pop”
Rock Music	“Rock”
Easy Listening Music	“Easy”
Light Classical	“Light M”
Serious Classical	“Classics”
Other Music	“Other M”
Weather	“Weather”
Finance	“Finance”
Children’s programs	“Children”
Social Affairs	“Factual”
Religion	“Religion”
Phone In	“Phone In”
Travel	“Travel”
Leisure	“Leisure”
Jazz Music	“Jazz”
Country Music	“Country”
National Music	“Nation M”
Oldies Music	“Oldies”
Folk Music	“Folk”
Documentary	“Document”

Speech and music include the following types of programs.
Speech: Program type indicated by colored letters
Music: Program type indicated by black letters

- 4 Press [◀◀] or [▶▶] to select a station.
- Exiting from the PTY mode.

Press [Q/↵].

- “NO PTY” display
- When the selected Program Type is not found, “No PTY” appears. Select another Program Type.
- Case where this function cannot be used
- This function cannot be used during reception of a traffic bulletin or AM broadcast.

9-8. Frequency step setting

(Function of KDC-U7056BT/ KDC-U7056BTL)
Changing the tuning frequency step.
The original setting is FM band 50 kHz, and AM band 9 kHz.

- 1 Press and hold [SRC].
Turn the power OFF.
- 2 While pressing [▼] and [⏮], press [SRC].
Release your fingers from the button after the display appears.
The frequency step changes to FM band 200 kHz, and AM band 10 kHz.

- Notes on frequency step setting
- When the same operation is repeated, the frequency step returns to the original setting.
 - When the frequency step is changed, the frequencies in the memory are deleted.

10. Listen to the Digital Radio (KDC-U7056DAB)

10-1. Listening to the Digital Radio

Selecting a tuner source

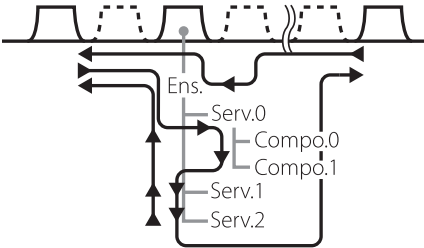
Press [SRC] to select a Digital Radio ("DIGITAL RADIO") source.
Refer to <Source selection> (page 10).

Searching an ensemble

Press and hold [◀◀] or [▶▶].

Searching an ensemble, service, and component

Press [◀◀] or [▶▶].



◀◀: Press [◀◀]
▶▶: Press [▶▶]
Ens.: ensemble
Serv.: service
Compo.: component

The seek mode can be changed. Refer to <Selecting a Seek mode> (refer to below), <10-9. Digital Radio setting> (page 50).

Selecting a Seek mode

Press [▼].

Display	Operation
"Auto1"	Press: Select an ensemble, service, and component. Press and hold: Automatic search for an ensemble.
"Auto2"	Search in order of the service in the preset memory.
"Manual"	Press: Select an ensemble, service, and component. Press and hold: Manually search for an ensemble.

Updating Service List information

Press and hold [▲].

10-2. Service preset memory

You can store an ensemble, service, and component in the memory.

- Press [◀◀] or [▶▶] to select the ensemble, service, and component.
- Press [Q/↵] twice.
Enter the Preset memory mode.
- Turn [Control] knob to select a memory number ("1" – "18").
- Press and hold [Control] knob.

Exiting the Preset memory mode

Press and hold [Q/↵].

About the Mix Station preset mode

- If you press [Q/↵] three times in step 2, the Mix Station preset mode is selected with "Mixed Preset List" displayed. In this mode, different bands and tuner sources (FM, AM, Digital Radio etc.) can be saved in the same preset layer, which allows you to recall a desired station without switching between bands and/or tuner sources. Maximum of 6 stations can be preset in the Mix Station preset mode. Once the Mix Station preset mode is set, you can enter the same mode by just pressing [Q/↵] once in step 2. Pressing [Q/↵] twice allows you to return to the normal Station preset mode.

10-3. Recall preset service

Recall the service in the memory.

- Press [Q/↵] twice.
Enter the Preset memory mode.
- Turn [Control] knob to select a memory number ("1" – "18").
- Press [Control] knob.

10-4. Service list select

You can select the component you would like to listen to from the service list.

- Press [Q/↵].
The service list is displayed in the alphabetical order.
- Turn [Control] knob to select a service, and then press [Control] knob.

Listen to the Digital Radio

10-5. Alphabet Search for service

You can select an alphabetic character from the service list.

1 Press [Q/⏏].

2 Press and hold [Control] knob.
Enter the Alphabet Search mode

3 Select a character using [Control] knob.

Exiting from the Alphabet search mode
Press and hold [Q/⏏].

Notes on Alphabet search

- To search for a character other than A to Z and 1, enter “*”.

10-6. PTY (Program Type)

You can search for a station by selecting a Program Type.

1 Press [Control] knob.

Enters the Function setting mode.

2 Select “Settings” > “PTY Search” using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Select a Program Type using [Control] knob.

Program Type	Display
Speech	“Speech”
Music	“Music”
News	“News”
Current Affairs	“Affairs”
Information	“Info”
Sport	“Sport”
Education	“Educate”
Drama	“Drama”
Culture	“Arts”
Science	“Science”
Varied	“Talk”
Pop Music	“Pop”
Rock Music	“Rock”
Easy Listening Music	“Easy”
Light Classical	“Light M”
Serious Classical	“Classics”
Other Music	“Other M”
Weather	“Weather”
Finance	“Finance”
Children’s programs	“Children”
Social Affairs	“Factual”
Religion	“Religion”
Phone In	“Phone In”
Travel	“Travel”
Leisure	“Leisure”
Jazz Music	“Jazz”
Country Music	“Country”
National Music	“Nation M”
Oldies Music	“Oldies”
Folk Music	“Folk”
Documentary	“Document”

Speech and music include the following types of programs.

Speech: Program type indicated by colored letters

Music: Program type indicated by black letters

4 Press [◀◀] or [▶▶] to select a station.

Exiting from the PTY mode.

Press [Q/⏏].

“NO PTY” display

- When the selected Program Type is not found, “No PTY” appears. Select another Program Type.

Case where this function cannot be used

- This function cannot be used during reception of a traffic bulletin or AM broadcast.

10-7. Announcement setup

When a service set to ON begins, it will switch from receiving any source to receiving announcement.

1 Press [Control] knob.

Enters the Function setting mode.

2 Select “Settings” > “ASW Select” using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Turn [Control] knob to select an announcement.

Program Type	Display
Time table of public transportation	“Travel”
Information with lower importance than Alarm	“Warning”
News	“News”
Weather news	“Weather”
Event information	“Event”
Unscheduled event information	“Special”
Radio program announcement	“Rad info”
Sports news	“Sports”
Financial and economic news	“Finance”

4 Press [Control] knob.

Pressing the button each time switches the setting between On and Off.

“*” indicator lights up when an announcement program type is set to ON.

Exiting from the Function setting mode

Press and hold [Q/⏏].

Listen to the Digital Radio

10-8. Replay

You can replay last about 7 minutes (audio bit rate: 128 kbps) of current service.

1 Press [▲]

"Replay Mode" appears and enters the Replay mode.

During Replay, you can perform the following operations:

Operation type	Operation
Pause and play	Press and hold [Q/⏮].
Forward or backward 15 seconds	Press [⏮] or [⏭].
Fast forward or Fast backward	Press and hold [⏮] or [⏭].

Exiting from the Replay mode.

Press [▲]

The on-air song is received.

10-9. Digital Radio setting

You can set the Digital Radio related items.

1 Press [Control] knob.

Enters the Function setting mode.

2 Select "Settings" using [Control] knob.

3 Select a Digital Radio setting item using [Control] knob.

Display	Description
"Seek Mode"	Sets the Digital Radio seek mode. Refer to <10-1. Listening to the Digital Radio> (page 46)
"DAB Priority"	When this setting item is set to ON, the station will automatically switch to a Radio Data System Broadcast with the same radio program in event the reception for Digital Radio becomes poor. In the same manner, the station will automatically switch to a Digital Radio Broadcast with the same radio program in event the reception for Radio Data System becomes poor. (If the same program is not being broadcasted on either, it will not switch between Digital Radio and Radio Data System). "ON" / "OFF"
"DAB List Update"	Sets updating method for "DAB List Update" Service list information. "ON": Automatically updates the service list when ACC is turned ON. "OFF": Updates the service list only when [▲] is pressed and held.
"PTY Watch"	When a broadcast with program type set to "PTY Watch" starts with the ensemble currently being received, the reception for broadcast automatically switches to that program type. Refer to <10-6. PTY (Program Type)> (page 48) "Watch OFF" / program type (29 types)
"TI"	Switches to the traffic information automatically when the traffic bulletin starts. "ON" / "OFF"
"DAB Blend"	Prevents audio break when switching from Digital Radio to Analog Radio. "ON" / "OFF"

(Colored text: Factory setting)

4 Select a setting using [Control] knob.

Returns to the previous item.

Exiting from the Function setting mode

Press and hold [Q/⏮].

10-10. Digital Radio initial settings

You can configure initial settings of Digital Radio.

1 Press [SRC] to select a Standby ("STANDBY").

Refer to <10-9. Digital Radio setting> (page 50).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Initial Settings" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select a Digital Radio initial setting item using [Control] knob.

Display	Description
"DAB L-Band"	Allows switching to L band when set to "ON". "ON" / "OFF"
"DAB Antenna Power"	Sets power supply to the Digital Radio antenna. Set to "ON" when the Digital Radio antenna in use is equipped with a booster. "ON" / "OFF"

(Colored text: Factory setting)

5 Select a setting using [Control] knob.

Returns to the previous item.

Exiting from the Function setting mode

Press and hold [Q/⏮].

11. Display settings

11-1. Selecting a display type

Shown below are examples of display types.

1 Press [Control] knob.

Enters the Function setting mode.

2 Select “DISP&ILLUMI” > “Display Select” > “Type Select” using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Select a Display type using [Control] knob.

Display type	Display information
Type A	Displays 3 lines of text.
Type B	Displays 2 line of text.
Type C	Displays the clock.
Type D	Displays the Spectrum analysis.
Type E [1]	Displays the Dynamic Label of Digital Radio.
Type F	Turn off the display and key illumination. (5 seconds after completion of operation)

[1] Function of KDC-U7056DAB. Selectable only when in the Digital Radio source.

Exiting from the Function setting mode

Press and hold [Q/↵].

11-2. Information display setting

You can set the side and graphic parts of the display.

1 Press [Control] knob.

Enters the Function setting mode.

2 Select “DISP&ILLUMI” > “Display Select” using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Select a display setting item using [Control] knob.

Display	Description
“Side Select”	Sets the side part display for Type A, B, and D. 1 / 2 / 3 (Type A, B only)
“Graphic Select”	Sets the Type D Spectrum analysis display. 1 / 2
“Status”	Sets the status display (ON/OFF indicator for each function) for Type A and B. [1] “ON” / “OFF”

(Colored text: Factory setting)

[1] The status display automatically turns “OFF” during aha source and cannot be switched to ON.

4 Select a setting using [Control] knob.

Returns to the previous item.

Exiting from the Function setting mode

Press and hold [Q/↵].

11-3. Illumination color selection

You can select the illumination color of the panel.

1 Press [Control] knob.

Enters the Function setting mode.

2 Select “DISP&ILLUMI” > “Color Select” using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Select a illumination part using [Control] knob.

Display	Part
“Color SEL All”	All
“Color SEL Display”	Display
“Color SEL Key”	Button

4 Select a color (“Variable Scan”/“Color1” — “Color24”/“User”) using [Control] knob.

Exiting from the Function setting mode

Press and hold [Q/↵].

11-4. Adjusting the Illumination color

You can adjust the illumination color of the panel.

1 Select the illumination color you want to adjust.

Select from among “Color1” to “Color24” or “User” with reference to <11-3. Illumination color selection> (page 53).

2 Press and hold [Control] knob.

The RGB value of the selected illumination color is displayed and enters the Details color adjustment mode.

3 Set the color.

Operation type	Operation
To select the color to adjust (Red, Green, or Blue)	Press [I◀◀] or [▶▶I].
To adjust color (Range: 0 – 9)	Turn [Control] knob.
Determination of the adjusted color.	Press [Control] knob.

The color you created can be called by selecting “User”.

Exiting from the Function setting mode

Press and hold [Q/↵].

Display settings

11-5. Selecting a text display

You can change the information displayed on each of the following sources:

1 Press [Control] knob.

Enters the Function setting mode.

2 Select "DISP&ILLUMI" > "Display Select" > "Text Select" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Press [▲] or [▼] to select a text display part.

The selected text display part blinks.

4 Select a text display using [Control] knob.

On Audio file/ iPod source

Information	Display
Song title*	"Song Title"
Album name*	"Album Name"
Artist name*	"Artist Name"
Title and Artist name**	"Title/Artist"
Album and Artist name**	"Album/Artist"
Folder name	"Folder Name"
File name	"File Name"
Play time	"P-Time"
Spectrum analysis and Clock	"Speana/Clock"
Date	"Date"
Blank	"Blank"

On CD source

Information	Display
Disc title	"Disc Title"
Track title	"Track Title"
Play time	"P-Time"
Spectrum analysis and Clock	"Speana/Clock"
Date	"Date"
Blank	"Blank"

KDC-U7056DAB KDC-U7056BT On Pandora source

Information	Display
Song title	"Song Title"
Artist name	"Artist Name"
Album name	"Album name"
Title and Artist name**	"Title/Artist"
Album and Artist name**	"Album/Artist"
Station name	"Station Name"
Play time	"P-Time"
Spectrum analysis and Clock	"Speana/Clock"
Date	"Date"
Blank	"Blank"

KDC-U7056DAB On Digital Radio source

Information	Display
Service label	"Service Label"
PTY label	"PTY Label"
Ensemble label	"Ensemble Label"
Artist name*	"Artist Name"
Song title*	"Song Title"
Album name*	"Album Name"
Genre	"Genre"
Channel number	"Channel Number"
Name information of next program	"Next Program"
Audio Bitrate	"BIT Rate"
Antenna reception sensitivity	"Signal Level"
Spectrum analysis and Clock	"Speana/Clock"
Date	"Date"
Blank	"Blank"

On Tuner source

Information	Display
Station name (FM)[1]	"Station Name"
Radio text + (FM)[1]	"Radio Text +"
Radio text (FM)[1]	"Radio Text"
Spectrum analysis and Clock	"Speana/Clock"
Date	"Date"
Blank	"Blank"
Frequency	"Frequency"
Song title (FM)*[1]	"Song Title"
Artist name (FM)*[1]	"Artist Name"
Title & Artist name (FM)**[1]	"Title/Artist"

On Bluetooth audio source

Information	Display
Play time	"P-Time"
Song title*	"Song Title"
Album name*	"Album Name"
Artist name*	"Artist Name"
Song title and Artist name**	"Title/Artist"
Album name and Artist name**	"Album/Artist"
Spectrum analysis and Clock	"Speana/Clock"
Date	"Date"
Blank	"Blank"

On Standby/ Auxiliary input source

Information	Display
Source name (AUX only)	"Source Name"
Spectrum analysis and Clock (AUX only)[1]	"Speana/Clock"
Clock	"Clock"
Date	"Date"
Blank	"Blank"

[1] Function of KDC-U7056DAB

*Display type A only

**Display type B only

Exiting from the Function setting mode

Press and hold [Q/↵].

Notes on text display

- If the selected display item does not have any information, alternative information is displayed.
- Setting is available when the display type is A or B which allows text display. Refer to <11-1. Selecting a display type> (page 52).
- Some items cannot be selected depending on the display type and row.
- If you select "Folder name" while playing music on the iPod, names will be displayed depending on the currently selected browsing items.
- If you select the APP & iPod Control mode while playing music on the iPod, "APP & iPod Mode" appears.
- If all characters cannot be displayed while music is played on the iPod, the file number in the list is displayed.

Information	Display
Music title	"TITLE****"
Folder name	"FLD****"
File name	"FILE****"



- Text display cannot be switched during aha source.

Display settings

11-6. Display & Illumination setting

You can set the display and illumination.

- 1 Press [Control] knob.**
Enters the Function setting mode.
- 2 Select “DISP&ILLUMI” using [Control] knob.**
For how to use [Control] knob, refer to <3-3. [How to select the item](#)> (page 9).
- 3 Select a Display & Illumination setting item using [Control] knob.**

Display	Description
“Display Dimmer”	Dims the display part in conjunction with the Light switch of the vehicle. “Auto”: Dims the display in conjunction with the Light switch of the vehicle. “Manual1”: Dims the display constantly. “Manual2”: Dims the display darker than that in the Manual1 mode. “OFF”: Does not dim the display.
“Contrast”	Sets the display contrast. “1” – “10” – “30”
“DISP NEGA/POS1”	Switches the panel display between positive and negative modes. “NEGA1”: Displays the text in the negative mode. “NEGA2”: When the interior light is off, the text is displayed in the negative mode; when the interior light is on, the text is displayed in the positive mode. “POS1”: Displays the text in the positive mode. “POS2”: When the interior light is off, the text is displayed in the positive mode; when the interior light is on, the text is displayed in the negative mode.
“Text Scroll”	Sets the method of scrolling to view hidden texts. “Auto”: Scrolls. “Once”: Scrolls once. “OFF”: Does not scroll.
“BT DVC Status”	You can display the connection status, signal strength, and battery level.  : Battery level of cell phone.  : Signal strength of cell phone.
“ILLUMI Dimmer”	Reduces the key Illumination brightness. “Auto”: Dims the illumination in conjunction with the Light switch of the vehicle. “Manual1”: Dims the illumination constantly. “Manual2”: Dims the illumination darker than that in the Manual1 mode. “OFF”: Does not dim the illumination.
“ILLUMI Effect”	Sets whether the key illumination is changed in conjunction with the key operation. “ON” / “OFF”

“ILLUMI MSC SYNC”	Sets whether the key illumination color is changed in conjunction with the sound volume. “ON” / “OFF”
-------------------	--

(Colored text: Factory setting)

- 4 Select a setting using [Control] knob.**
Returns to the previous item.

Exiting from the Function setting mode
Press and hold [Q/↵].

12. General settings

12-1. Adjusting the date

- 1 Press [Control] knob.**
Enters the Function setting mode.
 - 2 Select “Settings” > “Clock&Date” > “Date Adjust” using [Control] knob.**
For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).
 - 3 Set the year using [Control] knob.**
 - 4 Set the month using [Control] knob.**
 - 5 Set the day using [Control] knob.**
- Exiting from the Function setting mode**
Press and hold [Q/↵].

Notes

- When Radio Data System station time data is received with “ON” selected for “Time Synchronized” (<12-2. Clock & date display type setting> (page 58)), the clock is adjusted automatically.

12-2. Clock & date display type setting

- You can set the display type of the clock and calendar.
- 1 Press [Control] knob.**
Enters the Function setting mode.
 - 2 Select “Settings” > “Clock&Date” using [Control] knob.**
For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).
 - 3 Select a Clock & Date setting item using [Control] knob.**

Display	Description
“Time Synchronized” [1]	Synchronizes this unit’s clock with the radio data system station’s time data. “ON” / “OFF”
“Date Mode”	Sets the date display mode. 7 types

- (Colored text: Factory setting)
[1] Function of KDC-U7056DAB.
- 4 Select a setting using [Control] knob.**
Returns to the previous item.
- Exiting from the Function setting mode**
Press and hold [Q/↵].

12-3. Auxiliary input display setting

- You can set the display when switched the AUX source.
- 1 Press [SRC] to select an Auxiliary Input (“AUX”) source.**
Refer to <Source selection> (page 10).
 - 2 Press [Control] knob.**
Enters the Function setting mode.
 - 3 Select “Settings” > “AUX Name Set” using [Control] knob.**
For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).
 - 4 Select a display (“AUX”, “DVD”, “PORTABLE”, “GAME”, “VIDEO”, or “TV”) using [Control] knob.**
- Exiting from the Function setting mode**
Press and hold [Q/↵].

12-4. Demonstration mode setting

- You can turn on/off the demonstration mode.
- 1 Press [Control] knob.**
Enters the Function setting mode.
 - 2 Select “DEMO Mode” using [Control] knob.**
For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).
 - 3 Select a setting (“ON” or “OFF”) using [Control] knob.**
Returns to the previous item.
- Exiting from the Function setting mode**
Press and hold [Q/↵].

General settings

12-5. Initial settings

You can configure initial settings of this unit.

1 Press [SRC] to select a Standby ("STANDBY").

Refer to <Source selection> (page 10).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Initial Settings" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

4 Select an Initial setting item using [Control] knob.

Display	Description
"SRC Select"	Set source selection method. "1": The source switches each time [SRC] is pressed. "2": Press [SRC], Turn [Control] knob to select the source, and then press [Control] knob to determine it.
"Key Beep"[4]	Setting the operation check sound (beep sound) ON/OFF. "ON" / "OFF"
"TDF Alarm"[4]	If you turn off the engine key of the vehicle without removing the panel, a beep sounds for 30 seconds. "ON" / "OFF"
"Chinese"[1]	When this is set to ON, the following character strings are displayed in Chinese: Folder name/ File name/ Song title/ Artist name/ Album name "ON" / "OFF"
"TAG Language"[2]	When this is set to "Arabic", "Persian", or "Thai", the following character strings are displayed in Arabic, Persian, or Thai: Folder name/ File name/ Song title/ Artist name/ Album name English / Arabic / Persian / Thai
"Function Language"[2]	Changes the display language of items displayed in the Function setting mode. English / Arabic / Persian
"Pandora Source"[1][3]	Sets whether to display Pandora during source selection. "ON" / "OFF"
"aha Source"	Sets whether to display aha during source selection. "ON" / "OFF"
"Built-in AUX"	Sets whether to display AUX during source selection. "ON" / "OFF"

"CD Read"	Sets the method for reading CD. When unable to play a special format CD, set this setting to "2" to force playing. Note that some music CDs may be unplayable even when set to "2". In addition, audio files cannot be played when set to "2". Normally, keep this set to "1". 1: Automatically distinguishes between the audio file disc and music CD when playing a disc. 2: Forces playing as a music CD.
"Built-in AMP"	Selecting "OFF" turns off the built-in amplifier. Turning off the built-in amplifier improves the quality of the sound from Preout. "ON" / "OFF"
"F/W Update"	Upgrades the firmware. Selecting "YES" and then pressing [Control] knob starts upgrading the firmware. For how to update the firmware, access our web site. http://www.kenwood.com/cs/ce/

(Colored text: Factory setting)

[1] Function of KDC-U7056BT.

[2] Function of KDC-U7056BTL.

[3] Function of KDC-U7056DAB.

[4] Not displayed while using 3 way system.

5 Select a setting using [Control] knob.

Returns to the previous item.

Exiting from the Function setting mode

Press and hold [Q/⏏].

13. Registering a Bluetooth

13-1. About the Bluetooth module

This unit conforms to the following Bluetooth specifications:

Version

- Bluetooth Ver. 2.1+EDR Certified

Profile

- HFP (Hands Free Profile)
- SPP (Serial Port Profile)
- PBAP (Phonebook Access Profile)
- OPP (Object Push Profile)
- A2DP (Advanced Audio Distribution Profile)
- AVRCP (Audio/Video Remote Control Profile)

For the cell phones verified for compatibility, access the following URL:

<http://www.kenwood.com/cs/ce/bt/>

Notes

- The units supporting the Bluetooth function have been certified for conformity with the Bluetooth Standard following the procedure prescribed by Bluetooth SIG. However, it may be impossible for such units to communicate with your cell phone depending on its type.
- HFP is a profile used to make a hands-free call.
- OPP is a profile used to transfer data such as a phone book between units.

13-2. Registering a Bluetooth device

You can register your Bluetooth device in this unit.

1 Start registering a unit by operating the Bluetooth device.

Operate the Bluetooth device to request this unit for connection.

The name of this unit ("KDC-####") is displayed on the Bluetooth device.

"Pairing Press the volume knob" appears.

2 Press [Control] knob.

Pairing starts. When pairing is completed, "Pairing Success" appears.

Some Bluetooth device requests you to enter a PIN code. The PIN code is set to "0000" as default.

Bluetooth module that can be used with this unit

- For details on the Bluetooth cell phone with the hands-free function, see <13-1. About the Bluetooth module> (page 62).

Registration of iPod touch or iPhone

- This unit is compatible with an Apple Auto Pairing function. Connecting the iPod touch or iPhone to this unit with a Dock Connector to USB cable will automatically register it as a Bluetooth device. If you do not register it, select "OFF" for "Auto Pairing" according to <16-6. Bluetooth detail setting> (page 77).

When registration is impossible

- If there are 5 Bluetooth devices registered, you cannot register a new Bluetooth device.
- When any error code is displayed while the pairing is in progress, refer to <18-3. Error messages> (page 81).

When SMS is received

- When the connected Bluetooth device receives SMS, "SMS Received" appears on this unit.

13-3. Selecting the Bluetooth device you wish to connect

When two or more Bluetooth devices have already been registered, you need to select the Bluetooth device you wish to use.

1 Press [F].

"BT MODE" appears and enter the Bluetooth mode.

2 Select "Settings" > "Pairing" > "Phone Selection" (to select the cell phone) or "Audio Selection" (to select the audio player) using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

"(name)" appears.

3 Select a Bluetooth device using [Control] knob.

"*(name)" or "-(name)" is displayed.

"*": The selected Bluetooth device is busy.

"-": The selected Bluetooth device is on standby.

" " (blank): The Bluetooth device is deselected.

Exiting from the Bluetooth mode

Press [F].

When no device can be selected

- If a cell phone is already selected, deselect it, and then select a different one.
- If you cannot select a device using the audio player, connect the device with the audio player.

13-4. Deleting a registered Bluetooth device

You can delete a registered Bluetooth device.

1 Press [F].

"BT MODE" appears and enter the Bluetooth mode.

2 Select "Settings" > "Pairing" > "Device Delete" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

"(name)" appears.

3 Select a Bluetooth device using [Control] knob.

4 Select "YES" using [Control] knob.

"Completed" appears.

Exiting from the Bluetooth mode

Press [F].

When a registered device is deleted

- When a registered cell phone is deleted, its phone Book and log are also deleted.

Registering a Bluetooth

13-5. Bluetooth device registration test

You can check whether a Bluetooth device can be registered by operating this unit.

- 1 Press [F].
"BT MODE" appears and enter the Bluetooth mode.
- 2 Select "BT Test Mode" using [Control] knob.
For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).
- 3 Start registering a unit by operating the Bluetooth device.
"Please pairing your phone" appears.
Operate the Bluetooth device to request this unit for connection.
The name of this unit ("KDC-####") is displayed on the Bluetooth device.
Some Bluetooth device requests you to enter a PIN code. The PIN code is set to "0000" as default.

- 4 Press [Control] knob.
When pairing is completed successfully, a connection test starts automatically.
When the connection test is completed, test results are displayed on a function basis ("OK": Enabled; "NG": Disabled).

Display	Description
"Pairing"	Registration in this unit
"HF Connect"	Hands-free phoning
"AUD Connect"	Audio playback
"PB Download"	Phone Book downloading

- 5 Press [Control] knob.
Exits the test mode.

14. Hands-free phoning

14-1. Receiving a call

You can answer a phone call

Press [📞].

Either of the following operations will disconnect the line.

- Inserting a CD.
- Connecting a USB device.

Rejecting an incoming call

Press [SRC].

14-2. Calling a number in the phone book

1 Press [📞].

“BT MODE” appears and enter the Bluetooth mode.

2 Select “Phone Book” using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Select a name using [Control] knob.

4 Select a phone number using [Control] knob.

5 Press [📞].

Makes a call.

When there is no phone book

- If the phone book has not yet been downloaded automatically, download it according to <16-2. Downloading the phone book> (page 74).

Display of phone book

- During search, a non-accent character such as “u” is searched for instead of an accent character such as “ü”.

14-3. Dialing a number

1 Press [📞].

“BT MODE” appears and enter the Bluetooth mode.

2 Select “Number Dial” using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Enter a phone number.

Operation type	Operation
Selection of number	Turn [Control] knob.
Selection of digit	Press [◀◀] or [▶▶].

4 Press [📞].

Makes a call.

Number of digits that can be input

- You can input a maximum of 32 digits.

14-4. Calling a number in the call log

1 Press [📞].

“BT MODE” appears and enter the Bluetooth mode.

2 Select “Call History” using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Turn [Control] knob to select a name and phone number.

⬆ : Incoming calls

⬇ : Outgoing calls

✓ : Missed calls

Pressing [Control] knob toggles between the name list and detailed display.

4 Press [📞].

Makes a call.

Hands-free phoning

14-5. Speed dialing (Preset dial)

- 1 Press [📞].**
"BT MODE" appears and enter the Bluetooth mode.
- 2 Select "Preset Call" using [Control] knob.**
For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).
- 3 Turn [Control] knob to select a recall number ("P1" – "P6").**
- 4 Press [📞].**
Makes a call.

Registration of dial number

- You need to register the preset dial number. Refer to [<14-6. Registering in the preset dial number list> \(page 68\)](#).

14-6. Registering in the preset dial number list

- 1 Press [📞].**
"BT MODE" appears and enter the Bluetooth mode.
 - 2 Enter the phone number you wish to register**
Enter the phone number with reference to the following:
[<14-3. Dialing a number> \(page 67\)](#)
[<14-4. Calling a number in the call log> \(page 67\)](#)
[<14-2. Calling a number in the phone book> \(page 66\)](#)
 - 3 Press and hold [Control] knob.**
 - 4 Turn [Control] knob to select a memory number ("P1" – "P6").**
 - 5 Press and hold [Control] knob.**
- Exiting from the Bluetooth mode**
Press [📞].

14-7. During a call

Disconnecting a call

- Press [📞].**

Switching to the Private mode

- Press [◀◀] or [▶▶].**

Pressing this knob each time switches between the private talk mode ("PRIVATE") and hands-free talk mode.

When the previous source is restored in the Private mode

- Depending on the type of your cell phone, switching to the private talk mode may select the source that was used before commencing the hands-free connection. If this happens, the source cannot be switched back to the hands-free talk mode by operating this unit. Operate your cell phone to return to the hands-free talk mode.

Adjusting the voice volume during a call

- Turn [Control] knob.**

14-8. Clearing the disconnection message

- 1 Press [📞].**
"HF Disconnect" disappears.

Hands-free phoning

14-9. Voice Control

This unit can access the voice recognition function of the connected cell phone. You can search the phone book by voice. (The function depends on the cell phone.)

- 1

Press and hold [📞].
"Voice Control" appears and enter the Voice control mode.
- 2

Start speaking.
Speak a voice tag, etc. registered in the cell phone.

14-10. Display of phone number types (categories)

The category items in the phone book are displayed as follows:

Display	Information
"General" / 📞	General
"Home" / 🏠	Home
"Office" / 🏢	Office
"Mobile" / 📱	Mobile
"Other" / 📞	Other

15. Bluetooth audio

15-1. Before use

- You need to register your Bluetooth audio player before using it with this unit. For more details, see [<13-2. Registering a Bluetooth device> \(page 62\)](#).
- You need to select the Bluetooth audio player you wish to connect. Refer to [<13-3. Selecting the Bluetooth device you wish to connect> \(page 63\)](#).

15-2. Basic operations

Selecting a Bluetooth audio source

Press [SRC] to select a Bluetooth audio ("BT AUDIO") source.

Refer to [<Source selection> \(page 10\)](#).

Pause and play a song

Press and hold [Q/⏮].

Selecting a song

Press [◀◀] or [▶▶] button.

Fast-forwarding or fast-backwarding a song

Press and hold [◀◀] or [▶▶].

Selecting an audio file folder

Press [▲] or [▼] button.

Preparation for using the Bluetooth audio player

- All or some of the operations above cannot be performed if the Bluetooth audio player is not ready for remote control.
- Switching between Bluetooth audio sources does not start or stop playback automatically. Perform the operation for starting or stopping playback.
- Some audio players cannot be controlled remotely or reconnected after Bluetooth disconnection. Operate the main unit of the audio player to connect a Bluetooth device.

15-3. Playback mode

You can select a playback mode, such as Random play and Repeat play.

1 Press [SRC] to select a Bluetooth audio ("BT AUDIO") source.

Refer to [<Source selection> \(page 10\)](#).

2 Press [Control] knob.

Enters the Function setting mode.

3 Select "Play Mode" using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

4 Select a playback mode function using [Control] knob.

Display	Description
"Random"	When set to "ON", plays the songs randomly. ☑ (ON) / ☐ (OFF)
"All Random"	When set to "ON", plays the all songs randomly. ☑ (ON) / ☐ (OFF)
"File Repeat"	When set to "ON", plays the select songs repeatedly. ☑ (ON) / ☐ (OFF)
"All Repeat"	When set to "ON", plays the all songs repeatedly. ☑ (ON) / ☐ (OFF)

5 Press [Control] knob.

The setting is changed.

Exiting from the Function setting mode

Press and hold [Q/⏮].

Available functions

- The available playback functions differ depending on the type of the connected Bluetooth audio player.

16. Bluetooth settings

16-1. Registering the PIN code

By operating the Bluetooth device, specify the PIN code necessary for registering this unit.

1 Press [F].

"BT MODE" appears and enter the Bluetooth mode.

2 Select "Settings" > "Detailed Settings" > "PIN Code Edit" using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

3 Input the PIN code

Operation type	Operation
Selection of numbers	Turn [Control] knob.
Movement to the next digit	Press [▶▶].
Deletion of the last digit	Press [◀◀].
Transmission of PIN code	Press [Control] knob.

If "Completed" appears and registration is complete.

Exiting from the Bluetooth mode

Press [F].

Notes on PIN code input

- By default, "0000" is specified.
- A PIN code can be specified with up to eight digits.

16-2. Downloading the phone book

If the phone book is not downloaded automatically to this unit to which a cell phone – which is not compatible with PBAP – is connected, download it in the following manner:

1 Press [F].

"BT MODE" appears and enter the Bluetooth mode.

2 Select "Settings" > "Transfer Phonebook" using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

When downloading starts, "Downloading ###" appears.

When downloading is completed, "Completed" appears.

Exiting from the Bluetooth mode

Press [F].

Maximum number of phone numbers that can be registered

- Of all registered mobile phones, a total of 4000 phones number can be registered.
- Up to 32 digits can be registered for each phone number along with up to 32* characters representing a name. (*32: Number of alphabetical characters. Fewer characters can be input depending on the type of characters.)

Cancellation of downloading

- To cancel downloading of the phone book data, operate the cell phone.

16-3. Deleting the phone book

You can delete the phone book stored in this unit to which a cell phone – which is not compatible with PBAP – is connected.

1 Press [F].

"BT MODE" appears and enter the Bluetooth mode.

2 Select "Phone Book" using [Control] knob.

For how to use [Control] knob, refer to [<3-3. How to select the item> \(page 9\)](#).

3 Turn [Control] knob to select the name to be deleted.

4 Press and hold [Control] knob.

5 Select the item to be deleted using [Control] knob.

Display	Item to be deleted
"Delete Name"	All phone numbers registered for the selected name are deleted.
"Delete Number"	One of the phone numbers registered for the selected name is deleted.
"Delete All"	All phone numbers registered in the phone book are deleted.

When you selected "Delete Number", next select the number you want to delete using [Control] knob.

6 Select "YES" using [Control] knob.

"Completed" appears.

Exiting from the Bluetooth mode

Press [F].

Bluetooth settings

16-4. Displaying the firmware version

You can view the version of the firmware of this unit.

1 Press [F].

"BT MODE" appears and enter the Bluetooth mode.

2 Select "Settings" > "Detailed Settings" > "BT F/W Update" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

The firmware version appears.

Exiting from the Bluetooth mode

Press [F].

How to update

- For how to update the firmware, access our web site.
www.kenwood.com/bt/information/

16-5. Switching between two connected cell-phones

When two Bluetooth devices are connected, you can assign the Bluetooth device to be used in priority to the other Bluetooth device.

1 Press [F].

"BT MODE" appears and enter the Bluetooth mode.

2 Select "Device Priority" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Select a "Sub -###-" using [Control] knob.

"Main": Device used normally.

"Sub": Device used only for call reception.

4 Press [Control] knob.

Exiting from the Bluetooth mode

Press [F].

16-6. Bluetooth detail setting

You can configure the initial settings of this unit.

1 Press [F].

"BT MODE" appears and enter the Bluetooth mode.

2 Select "Settings" > "Detailed Settings" using [Control] knob.

For how to use [Control] knob, refer to <3-3. How to select the item> (page 9).

3 Select a Bluetooth detail setting item using [Control] knob.

Display	Description
"Auto Answer"	Automatically answers a call after lapse of the preset time interval. "OFF": Does not answer the phone call automatically. "1SEC" – "8SEC" – "99SEC": Automatically answers the phone call after lapse of 1 – 99 seconds.
"Auto Reconnect"	When set to "ON", starts re-pairing with the registered Bluetooth device automatically when it becomes unpaired. "ON" / "OFF"
"Auto Pairing"	When set to "ON", the Apple Auto Pairing function is turned on to automatically register the iPod touch or iPhone connected to this unit. "ON" / "OFF"
"Bluetooth HF/Audio"	Specifies the output speakers for hands-free voice communication and Bluetooth audio sound. "Front": Outputs sound from the front speakers. "All": Outputs sound from the front and rear speakers.
"Call Beep"	Sets whether to output a beep from the speaker when a call comes in. "ON": Outputs a beep. "OFF": Does not output a beep.
"MIC Gain"	Adjusts the sensitivity of the microphone for telephone call or adjusts the voice of the caller. "-20" – "0" – "+8"
"Echo Cancel Level"	Sets the echo cancellation level. "1" – "4" – "10"

(Colored text: Factory setting)

4 Select a setting using [Control] knob.

Returns to the previous item.

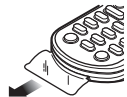
Exiting from the Bluetooth mode

Press [F].

17. Basic operation of remote control

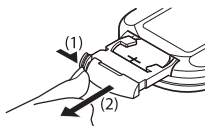
17-1. Before using remote control

Preparing the remote control unit



Pull the battery sheet out from the remote control unit in the direction of the arrow.

Changing the battery of the remote control unit



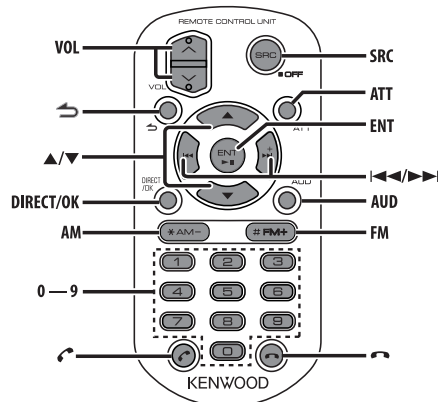
Use a commercially available button battery (CR2025). Insert the battery with the + side facing upward, following the illustration inside the case.

- (1) Keep on sliding.
- (2) Pull out.

CAUTION

- Keep battery out of reach of children and in original package until ready to use. Dispose of used batteries promptly. If swallowed contact physician immediately.
- Do not leave the battery near fire or under direct sunlight. A fire, explosion or excessive heat generation may result.
- Do not set the remote control in hot places such as on the dashboard.
- The Lithium battery is in danger of explosion if replaced incorrectly. Replace only with the same or equivalent type.

17-2. Basic operation



General control

- Volume control: [VOL]
- Source selection: [SRC]
Press and hold the button to turn off the power.
- Volume reduction: [ATT]
When the button is pressed again, the volume returns to the previous level.
- Return to previous item: [↶]
- Selection of item: [▲]/[▼]
- Determination: [ENT]
- Enter Audio Control mode: [AUD]

About power on

- The remote control cannot be used to turn the power on. Press [SRC] on the main unit.

On Tuner source

- Band selection: [FM]/[AM]
- Station selection: [◀◀]/[▶▶]
- Recall preset stations: [0] – [9] → [ENT]

On Digital Radio source

- Ensemble, service, component selection: [◀◀]/[▶▶]
- Recall preset service: [0] – [9] → [ENT]

On CD/Audio file source

- Music selection: [◀◀]/[▶▶]
- Folder selection: [FM]/[AM]
- Pause/Play: [ENT]
- Enter the Music search mode: [▲]/[▼]
- Movement between folders/files during Music

- search mode: [▲]/[▼]
- Return to previous folder: [↶]

On iPod source

- Enter Music search mode: [▲]/[▼]
- Movement between items during Music search mode: [▲]/[▼]
- Return to previous item: [↶]
- Pause/Play: [ENT]

On Pandora source

- Music selection: [▶▶]
- Pause/Play: [ENT]
- Enter the station list mode: [▲]/[▼]
Select item: [▲]/[▼]
Exit the station list mode: [↶]

On Aha source

- Selecting a content: [◀◀]/[▶▶]
- Pause/Play: [ENT]
- Enter the station search mode: [▲]/[▼]
Select item: [▲]/[▼]
Exit the station search mode: [↶]

Hands-free phone control

Making a call

- Enter Bluetooth mode: [📶]
- Select a dialing method: [▲]/[▼] → [ENT]
- Number dial input:
Input a digit: [0] – [9]
Input "+": [▶▶]
Input "#": [FM]
Input "##": [AM]
Clear the entered phone number: [◀◀]
- Make a call: [ENT]

Receiving a call

- Answer the call: [📞]

Call waiting

- Answer another incoming call with the current call suspended: [📞]

During a call

- End the call: [📞]

18. Troubleshooting guide

18-1. Setting error

Some functions of this unit may be disabled by some settings made on this unit.

- **Cannot set up display.**
 - The demonstration mode is not turned off as mentioned in <12-4. Demonstration mode setting> (page 59).
- **Cannot set the “Text Select”, “Side Select”, or “Status” setting for the “Display Select” item.**
 - A display type is not selected as mentioned in <11-1. Selecting a display type> (page 52).
- **Cannot set up the equalizer.**
- **Cannot set up the Bass Boost.**
- **Cannot set up the Sound Enhancements.**
- **Cannot set up the Position control.**
- **Cannot set up the Loudness.**
 - The DSP function is disabled.
 - ➡ “DSP Set” of <4-1. Audio control> (page 12)

18-2. Operation/wiring error

What might seem to be a malfunction in your unit may just be the result of a slight operation error or a wiring error. Before calling for service, first check the following table for possible problems.

General

- **The key beep does not sound**
 - The Preout jack is in use.
 - ➡ The key beep cannot be output from the Preout jack.
- **Sound cannot be heard.**
- **The unit does not turn on.**
- **Information shown on the display is incorrect.**
 - The connectors are dirty.
 - ➡ Clean the connectors. Refer to <Before using the this unit for the first time> (page 4).

Tuner source

- **Radio reception is poor.**
 - The car antenna is not extended.
 - ➡ Pull the antenna out all the way.

Disc source

- **The specified disc does not play, but another one plays instead.**
 - The specified CD is quite dirty.
 - ➡ Clean the CD with reference to <8-11. Handling discs> (page 39).
 - The disc is severely scratched.
 - ➡ Try another disc instead.

Audio file source

- **The sound skips when an Audio file is being played.**
 - The media is scratched or dirty.
 - ➡ Clean the CD with reference to <8-11. Handling discs> (page 39).
 - The recording condition is bad.
 - ➡ Play the media again or use another media.

18-3. Error messages

The messages shown below indicates your system condition.

- **“TOC Error”**
 - The CD is quite dirty. The CD is upside-down. The CD is scratched a lot.
 - The disc is unreadable.
- **“IN” (blink)**
 - The CD player section is not operating properly.
 - ➡ Reinsert the CD. If the CD cannot be ejected or the display continues to blink even when the CD has been properly reinserted, please switch off the power and consult your nearest service center.
- **“Protect” (blink)**
 - The speaker wire has short-circuited or touched the chassis of the vehicle, and then the protection function has been activated.
 - ➡ Lay or insulate the speaker cable properly and press the Reset button. If “Protect” does not disappear, consult your nearest service center.
- **“NA File”**
 - An Audio file is played in a format that is not supported by this unit.
- **“Copy PRO”**
 - A copy-protected file is played.
- **“Read Error”**
 - The file system of the connected USB device is broken.
 - ➡ Copy the files and folders for the USB device again. If “Read Error” is still displayed, initialize the USB device or use another USB device.
- **“No Device”**
 - A USB device is selected as a source although no USB device is connected.
 - ➡ Change the source to any source other than the USB device. Connect a USB device, and change the source to the USB device again.
- **“N/A Device”**
 - An unsupported USB device is connected.
 - Connection to the iPod has failed.
 - ➡ Check that the connected iPod is supported. See <8-7. About the Audio file> (page 37) for information on supported iPods.
- **“No Music Data”**
 - The connected USB device contains no playable audio file.
 - A medium that does not have playable data has been played.
- **“Please Eject”**
 - The unit is malfunctioning for some reason.
 - ➡ Press and hold [▲].
 - ➡ Press the reset button on the unit. If the “Please Eject” code does not disappear, consult your nearest service center.
- **“iPod Error”**
 - Connection to the iPod has failed.
 - ➡ Remove the iPod and then reconnect it.
 - ➡ Reset iPod/ iPhone.
- **“No Number”**
 - The calling party does not notify a caller ID.
 - There is no phone number data.
- **“No Data”**
 - There is no outgoing call list.
 - There is no incoming call list.
 - There is no missed call list.
 - There is no phone book list.
- **“No Entry”**
 - The cell phone has not been registered (pairing).
- **“HF Disconnect”**
 - The unit cannot communicate with the cell phone.
- **“AUD Disconnect”**
 - The unit cannot communicate with the Bluetooth audio player.
- **“HF Error 68”**
 - The unit cannot communicate with the cell phone.
 - ➡ Cycle the power switch. If this message still appears, press the Reset button on the control unit.
- **“HF Error 89”**
 - Update of the firmware has failed.
 - ➡ Retry update of the firmware.
- **“Device Full”**
 - 5 Bluetooth device have already been registered. No more Bluetooth devices are registered.
- **“Pairing Failed”**
 - Pairing error.
- **“N/A Voice Tag”**
 - No voice tags are registered in your cell phone.
- **“No Phonebook”**
 - Data is not contained in the phone book.
- **“Antenna Error”**
 - The antenna has a short-circuit and the protective circuit has activated.
 - ➡ Check the Digital Radio antenna. If a passive antenna without a booster is used, set “DAB Antenna Power” to “OFF”. Refer to <10-10. Digital Radio initial settings> (page 51)

Pandora Messages

- **“Already bookmarked”**
 - Already registered as bookmark.
- **“Bookmark failed”**
 - Registration in Bookmark has failed.
- **“Station DEL ERR”**
 - Deletion of the station has failed.
- **“Station add ERR”**

Troubleshooting guide

- ☐ Registration of the station has failed.
- **“Station limit”**
 - ☐ The number of registered stations has reached the upper limit.
 - ➡ Retry after deleting an unnecessary station.
- **“Rating failed”**
 - ☐ Registration of Thumbs Up/Down has failed.
- **“Station SRCH ERR”**
 - ☐ Keyword search has failed.
- **“No Stations”**
 - ☐ There is no receivable station.
- **“No skips remaining”**
 - ☐ No more skips are allowed now.
Retry after a while.
- **“Check Device”**
 - ☐ Any device ready for Pandora reception is not connected to this unit.
- **“No Support”**
 - ☐ The connected Bluetooth device does not support a voice recognition function.
- **“No Active Device”**
 - ☐ Any Bluetooth device supporting a voice recognition function is not connected.
- **“Upgrade App”**
 - ☐ Upgrade the Pandora application to the latest version.
- **“Station no exist”**
 - ☐ No station exists.
- **“Connectivity ERR”**
 - ☐ Check the connection to the device.
- **“Licensing Error”**
 - ☐ A licensing error has occurred.

aha Messages

- **“Disconnect”**
 - ☐ Check the connection to the device.
- **“Check Device”**
 - ☐ Set aha application active.
- **“Loading”**
 - ☐ Log in to aha.
- **“Login Failed”**
 - ☐ Logging in to aha has failed.
- **“Aha App Update Required”**
 - ☐ Upgrade the aha application to the latest version.
- **“Aha Unavailable”**
 - ☐ Maintenance of Aha Radio Server is in progress.
- **“Network Unavailable”**
 - ☐ Connection to Aha Radio Server is impossible.
- **“Poor GPS”**
 - ☐ GPS reception is impossible.
- **“Connect Phone”**
 - ☐ Connect the cell phone.
- **“Action NA”**
 - ☐ The pressed key is invalid.
- **“Select Station”**
 - ☐ Select a station.